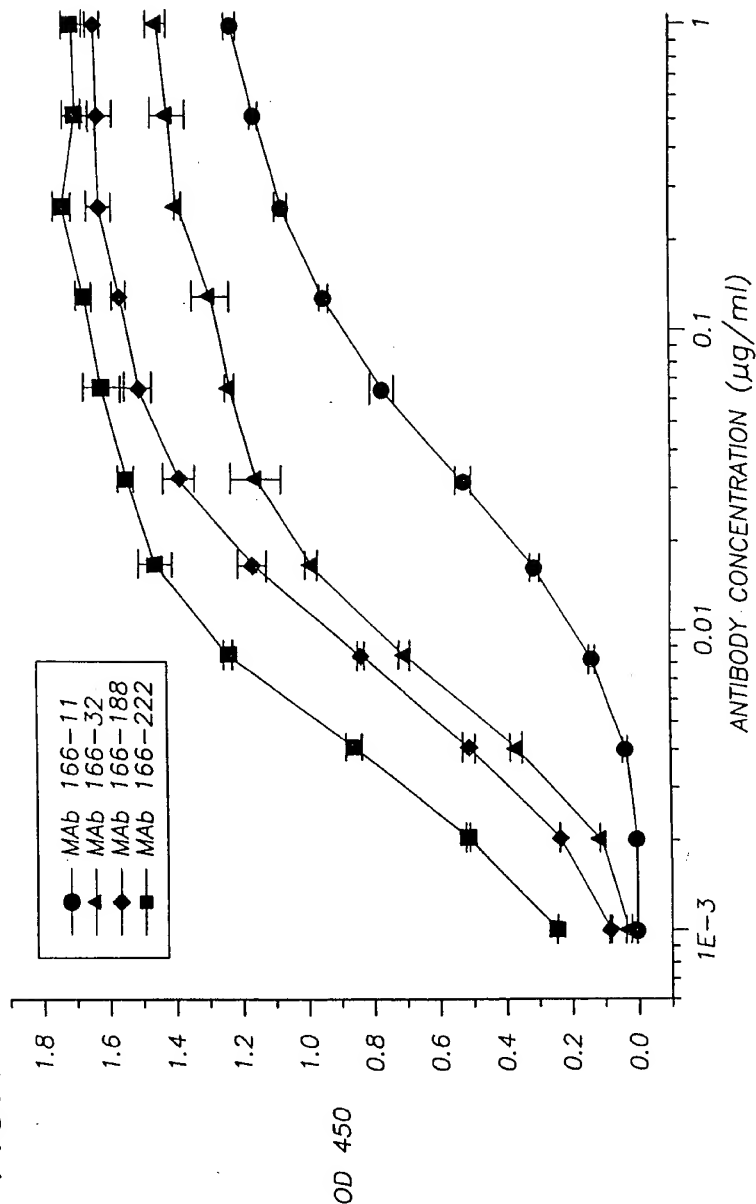


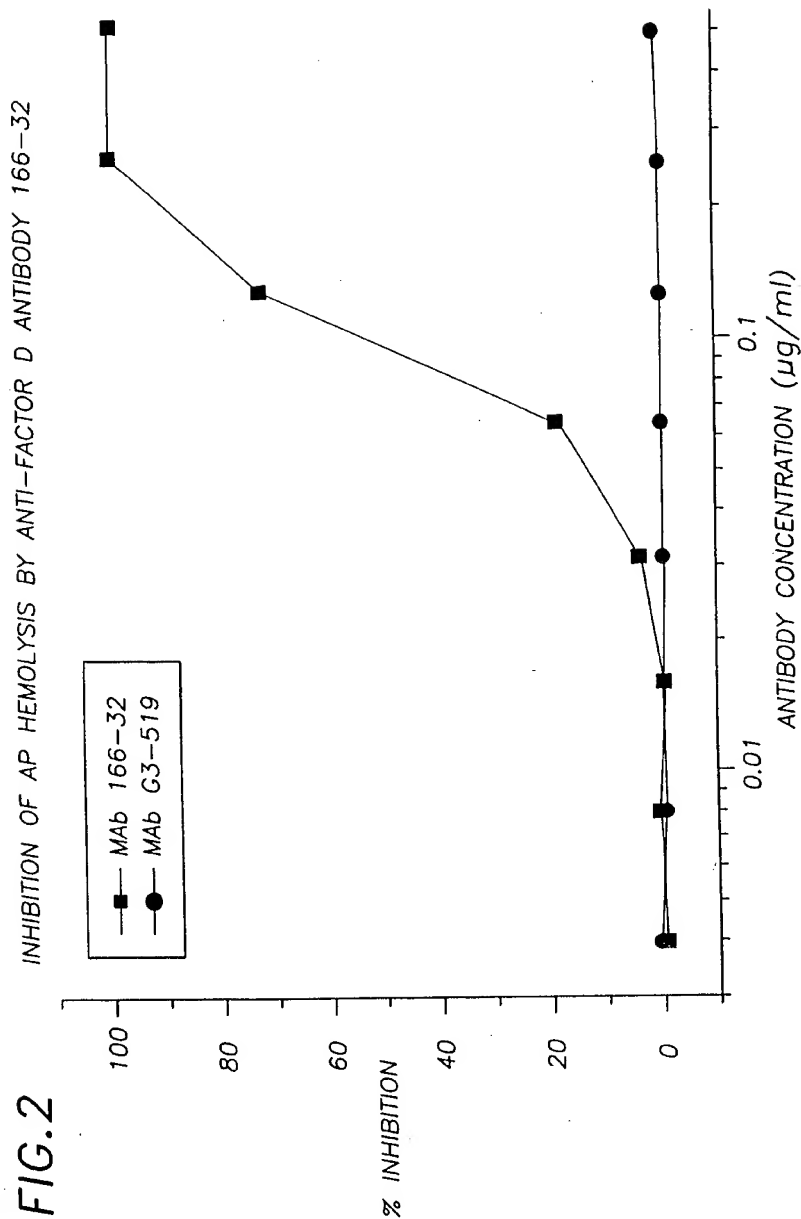
FIG. 1

REACTIVITY OF ANTI-FACTOR D MABS WITH FACTOR D IN ELISA



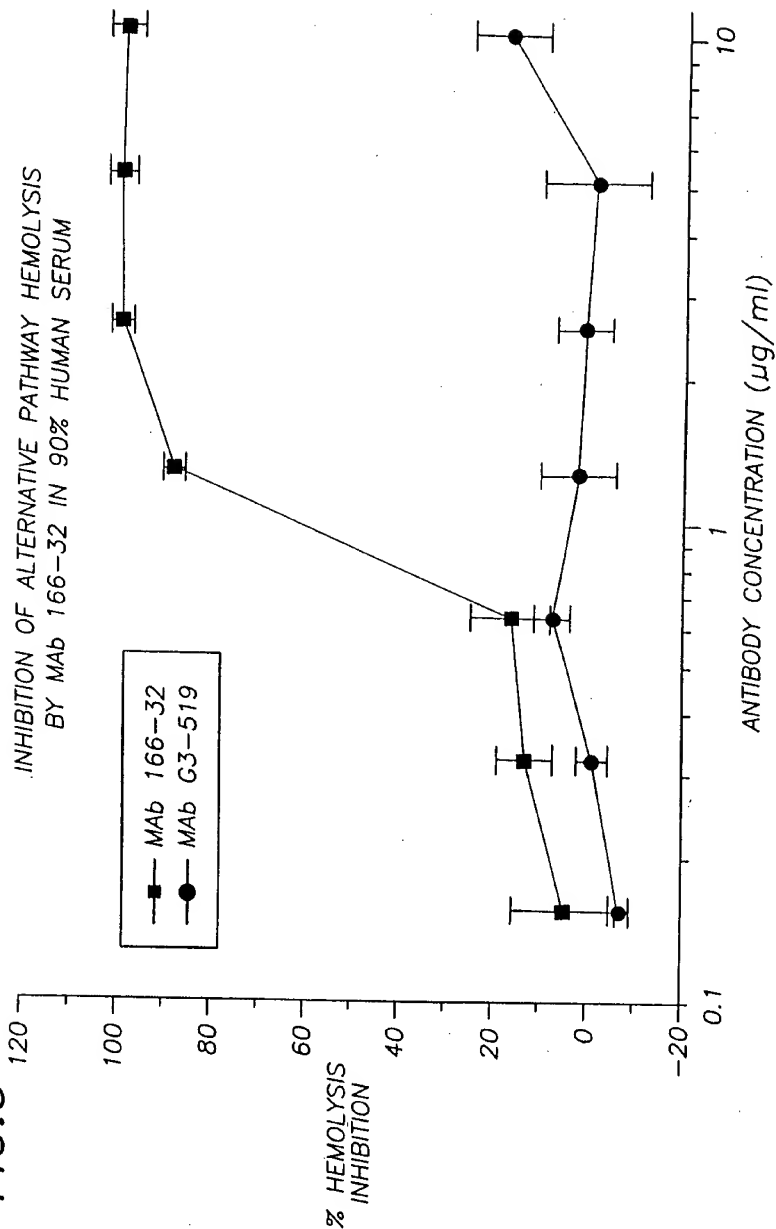
FOU220"552T2860

FIG.2



102220-55212860

FIG.3



10.220" 55272860

FIG. 4

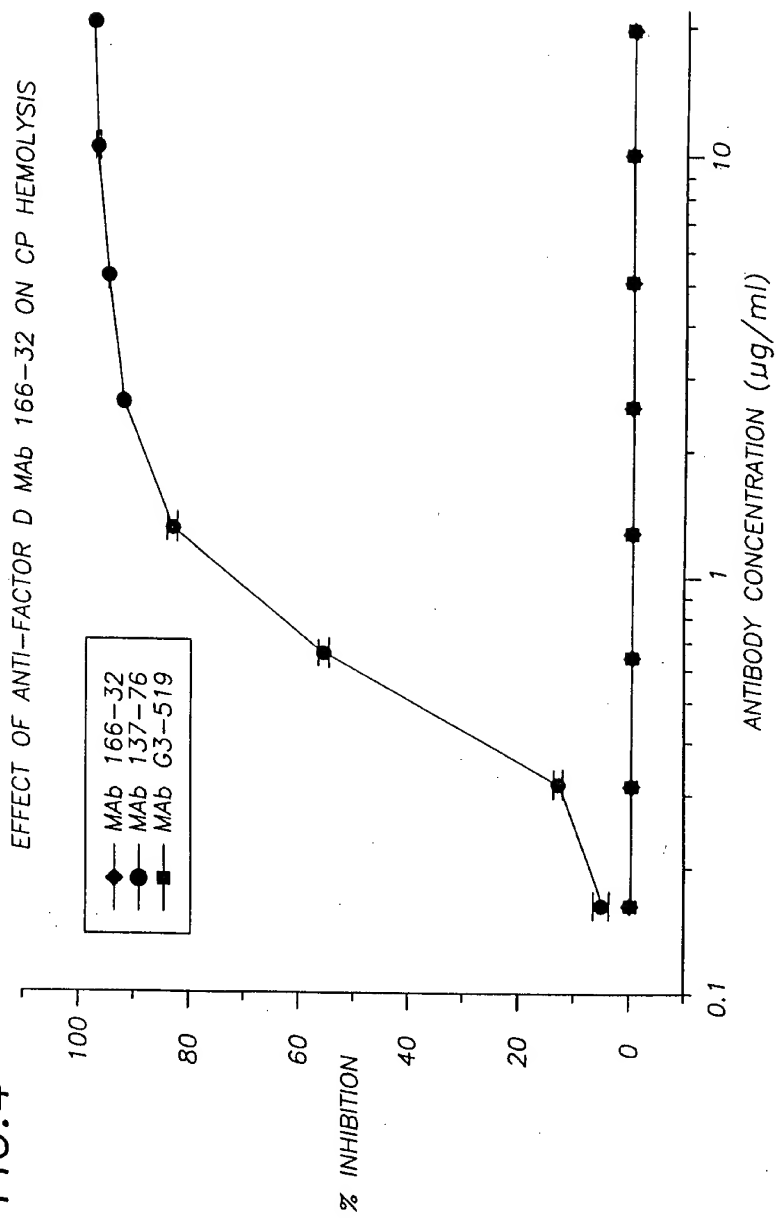


FIG. 5

INHIBITION OF FACTOR D DEPENDENT AP HEMOLYSIS BY MAb 166-32

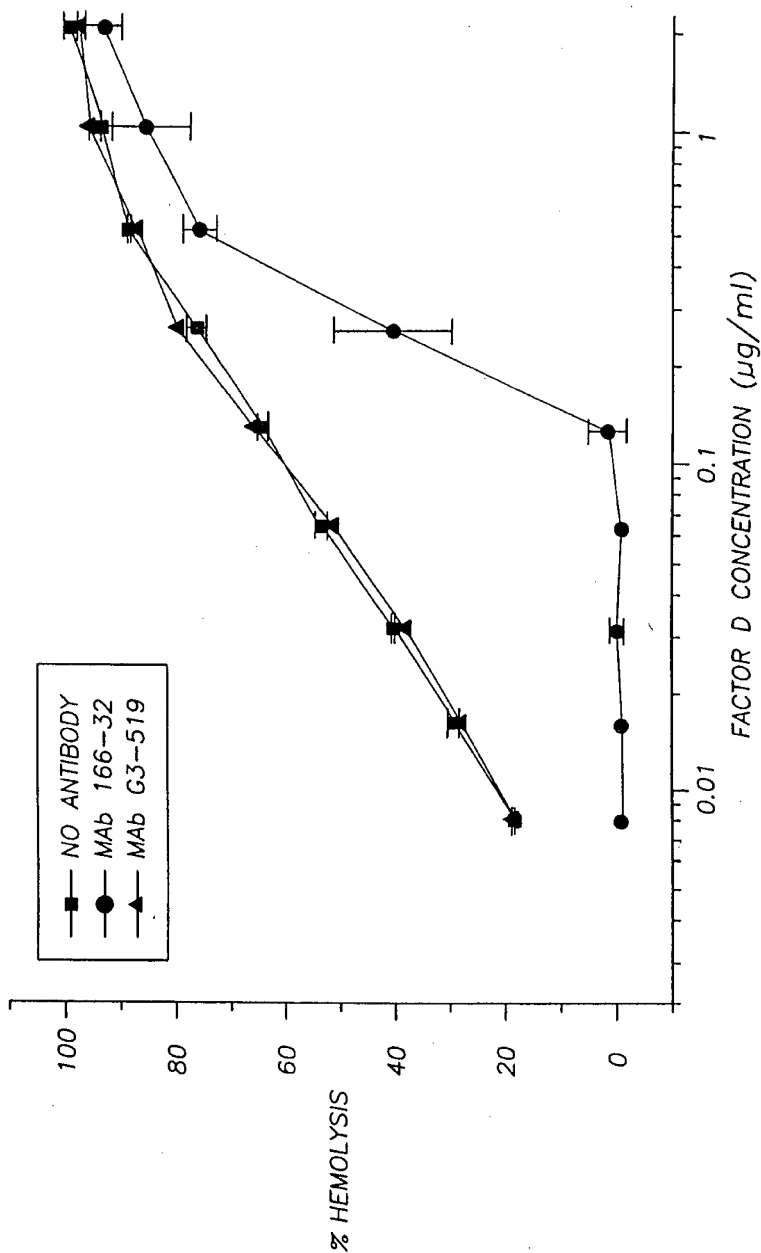


FIG. 6

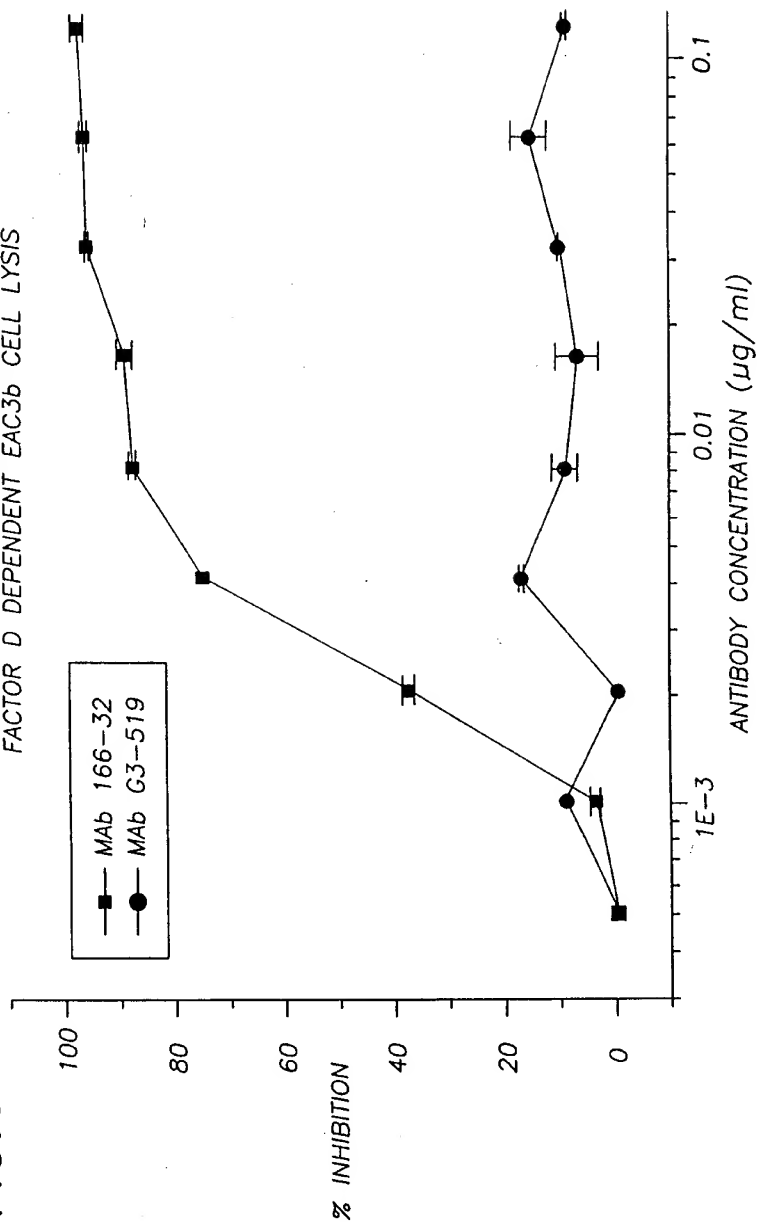
EFFECT OF ANTI-FACTOR D MAb 166-32 ON  
FACTOR D DEPENDENT EAC3b CELL LYSIS

FIG. 7

EFFECT OF MAb 166-32 ON C3 $\alpha$  PRODUCTION  
VIA AP COMPLEMENT ACTIVATION ON ZYMOSAN

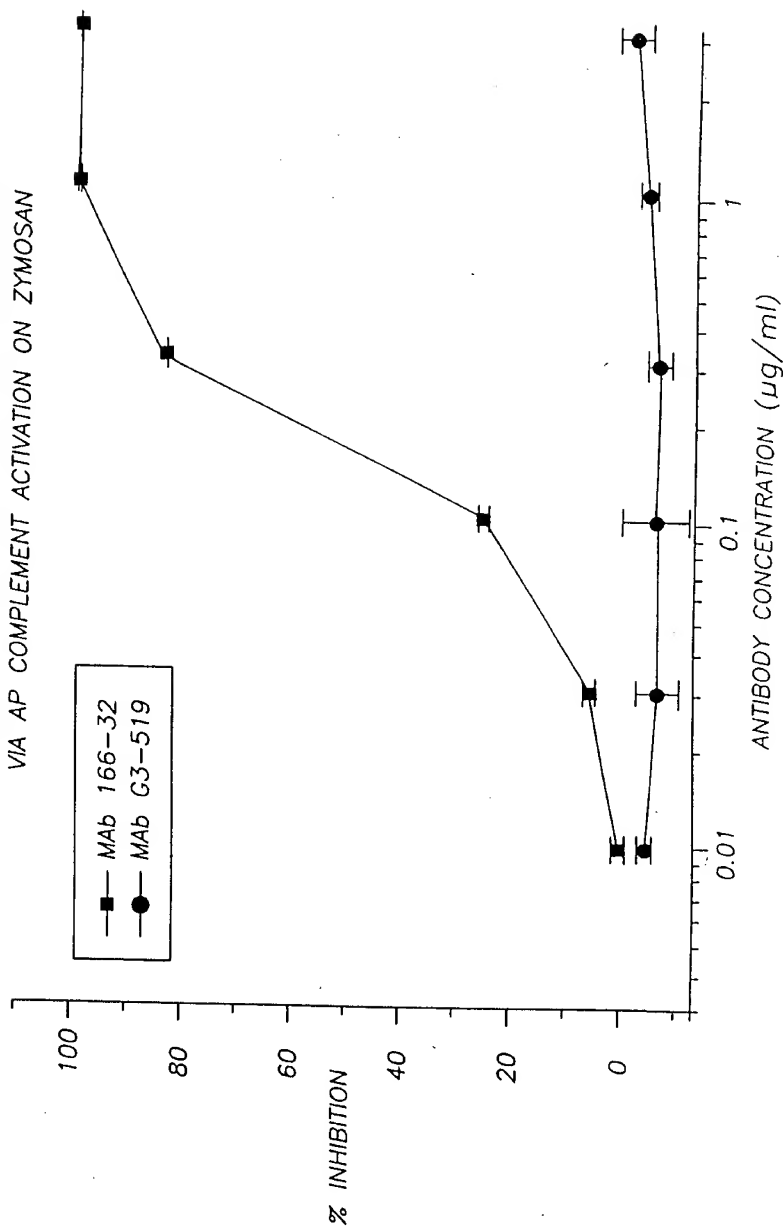


FIG.8

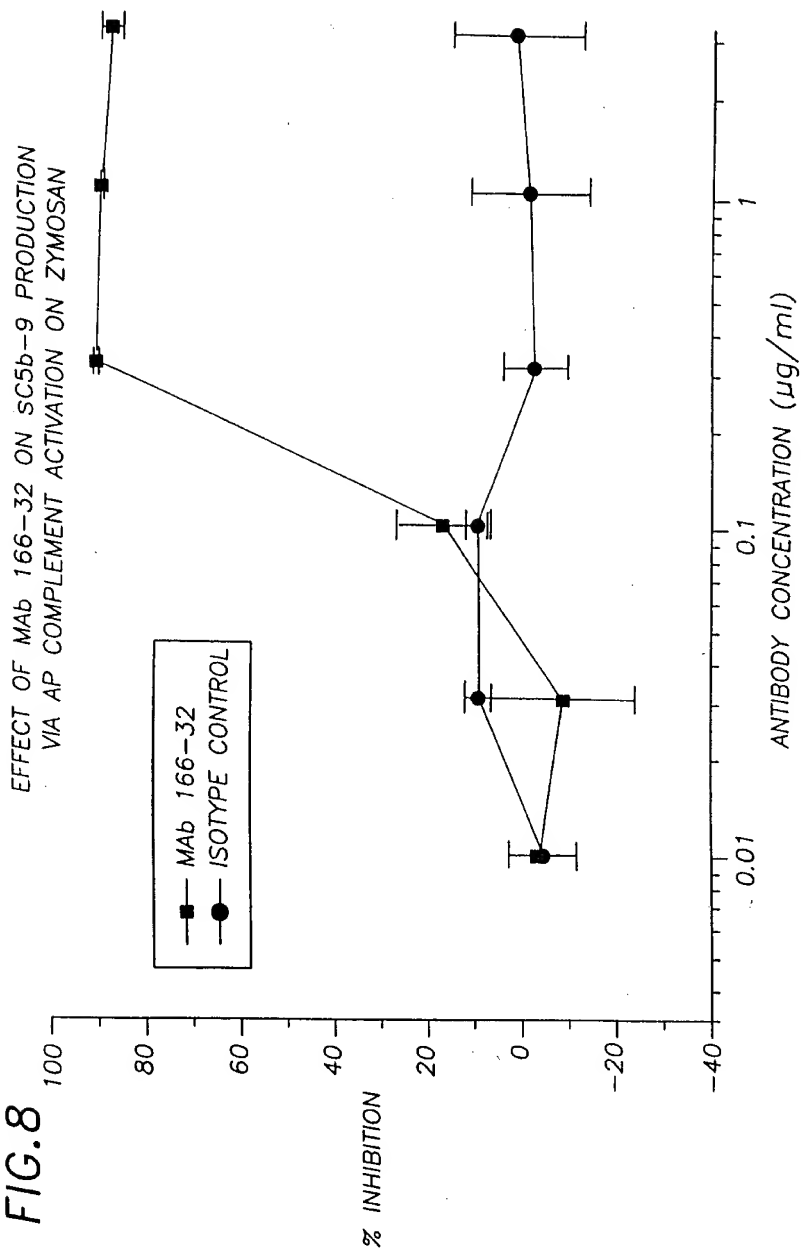
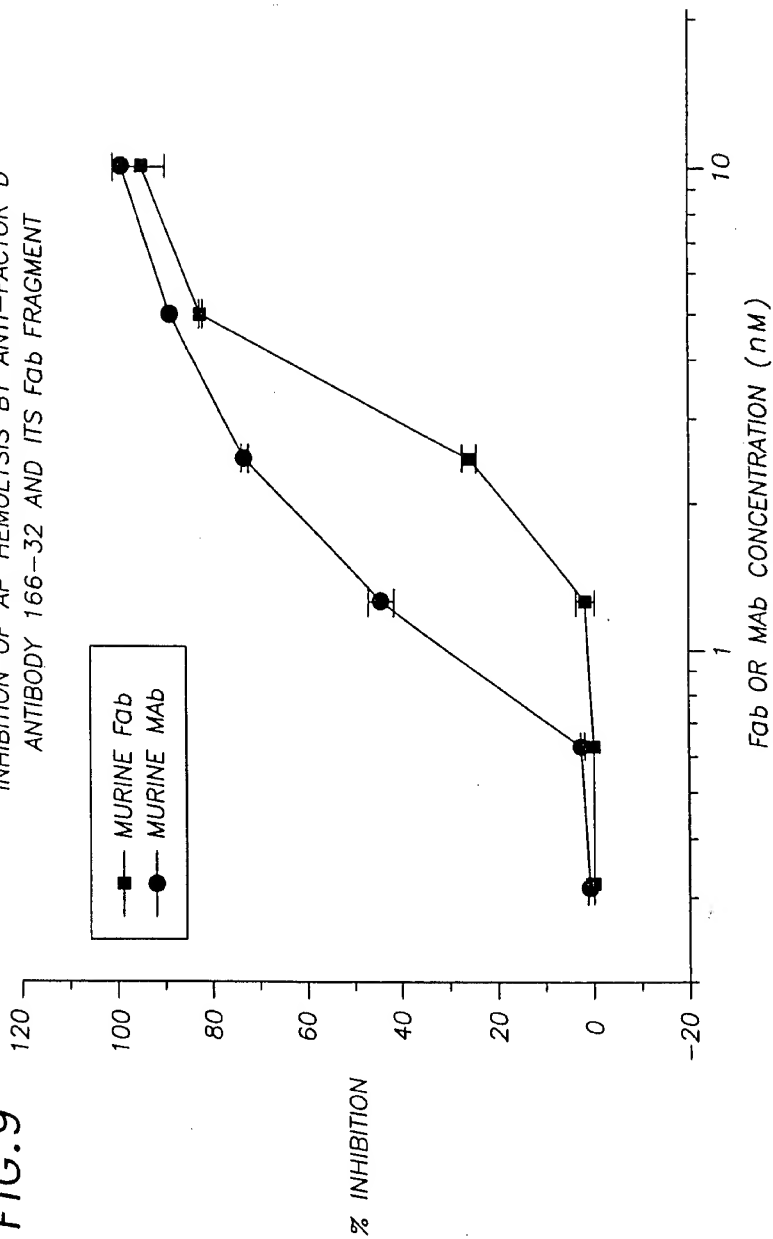
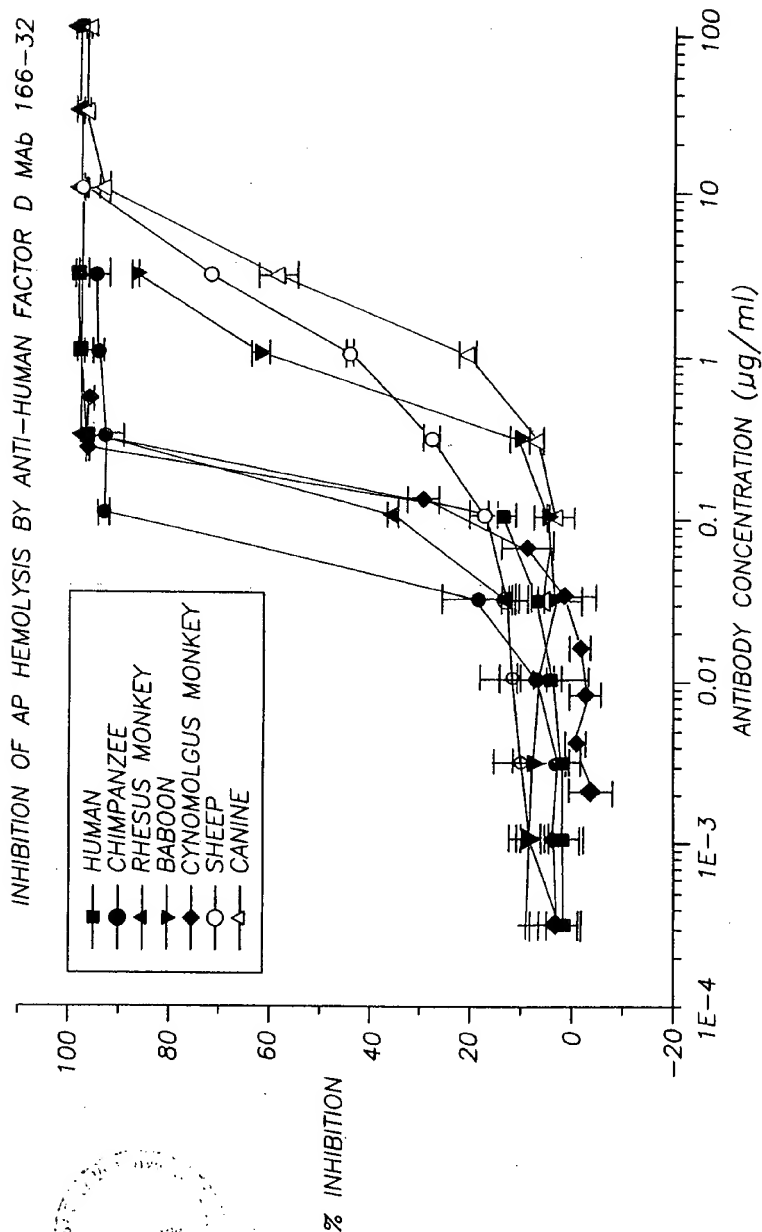




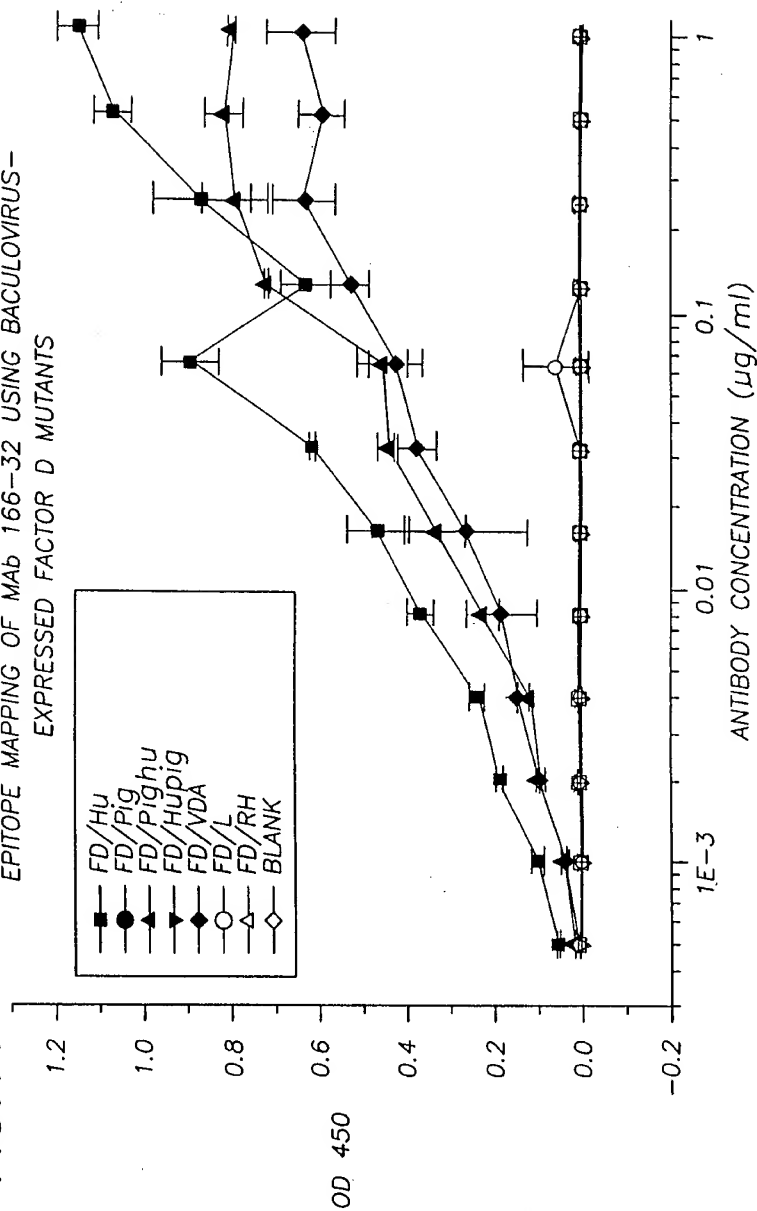
FIG. 9

INHIBITION OF AP HEMOLYSIS BY ANTI-FACTOR D  
ANTIBODY 166-32 AND ITS Fab FRAGMENT





EPITOPE MAPPING OF MAb 166-32 USING BACULOVIRUS-EXPRESSED FACTOR D MUTANTS



SCHEMATIC REPRESENTATION OF THE EXPRESSION VECTOR PLASMIDS FOR CHIMERIC 166-32 F<sub>ab</sub>: (A) pSV2dhfrF<sub>d</sub> AND (B) pSV2neoK

FIG. 12

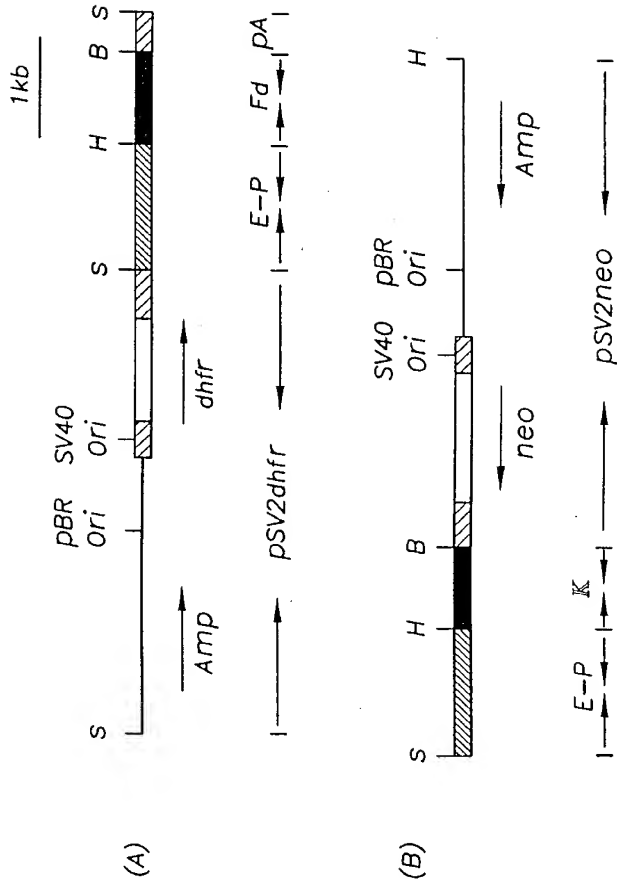


FIG. 13

INHIBITION OF AP HEMOLYSIS BY ANTI-FACTOR D  
ANTIBODY 166-32 AND ITS CHIMERIC FORM

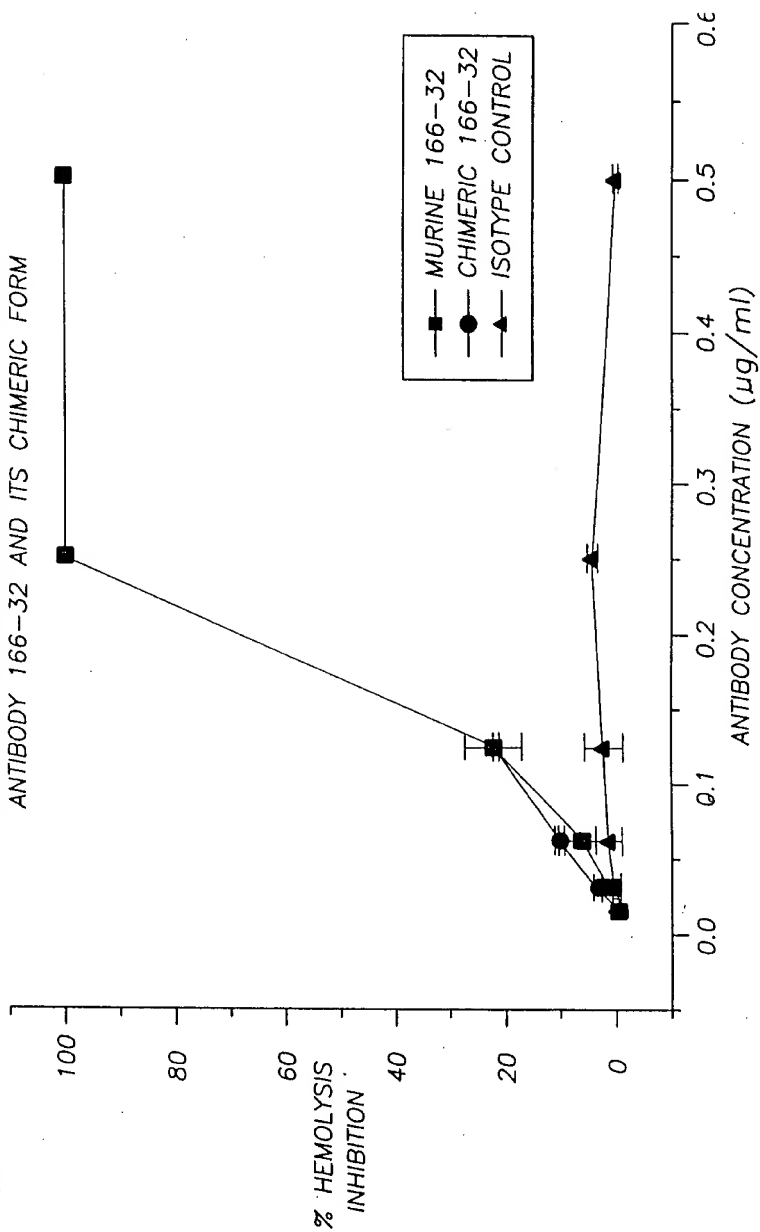


FIG.14

INHIBITION OF AP HEMOLYSIS BY CHIMERIC 166-32 IgG AND ITS Fab

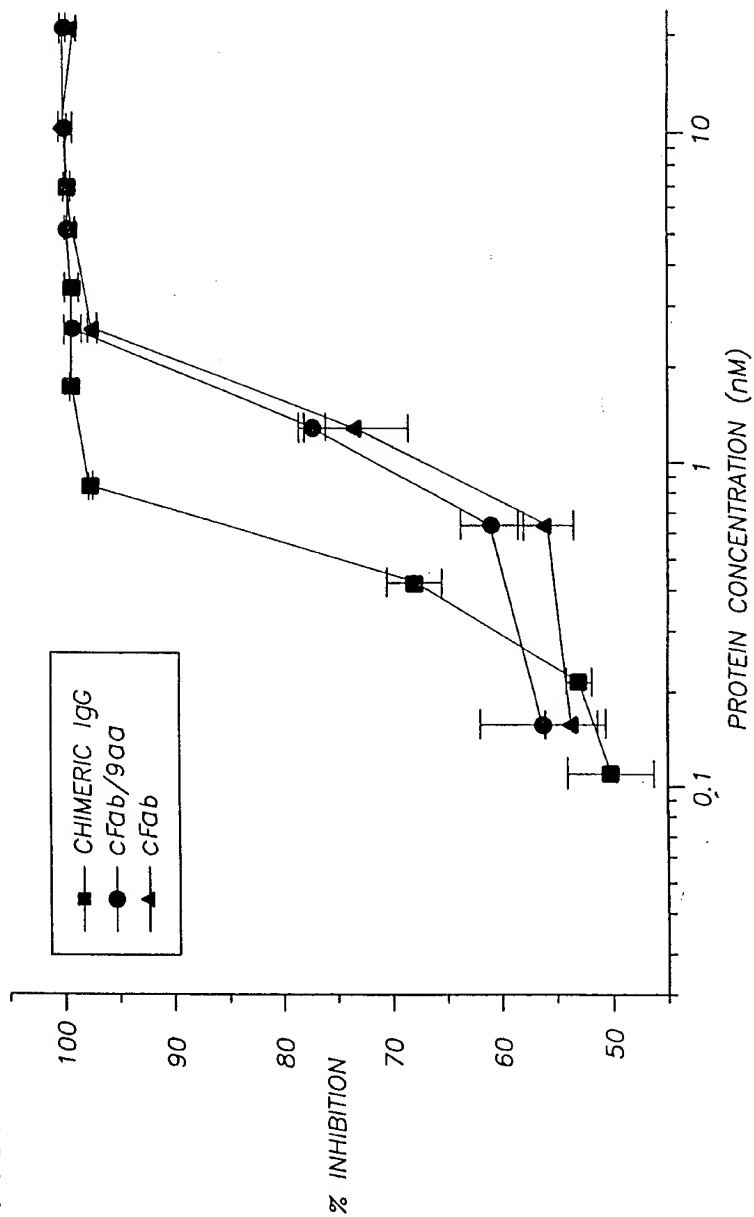


FIG. 15

EFFECTS OF Mab 166-32 ON LVEDP AND LVDP  
OF ISOLATED RABBIT HEARTS PERFUSED WITH HUMAN PLASMA

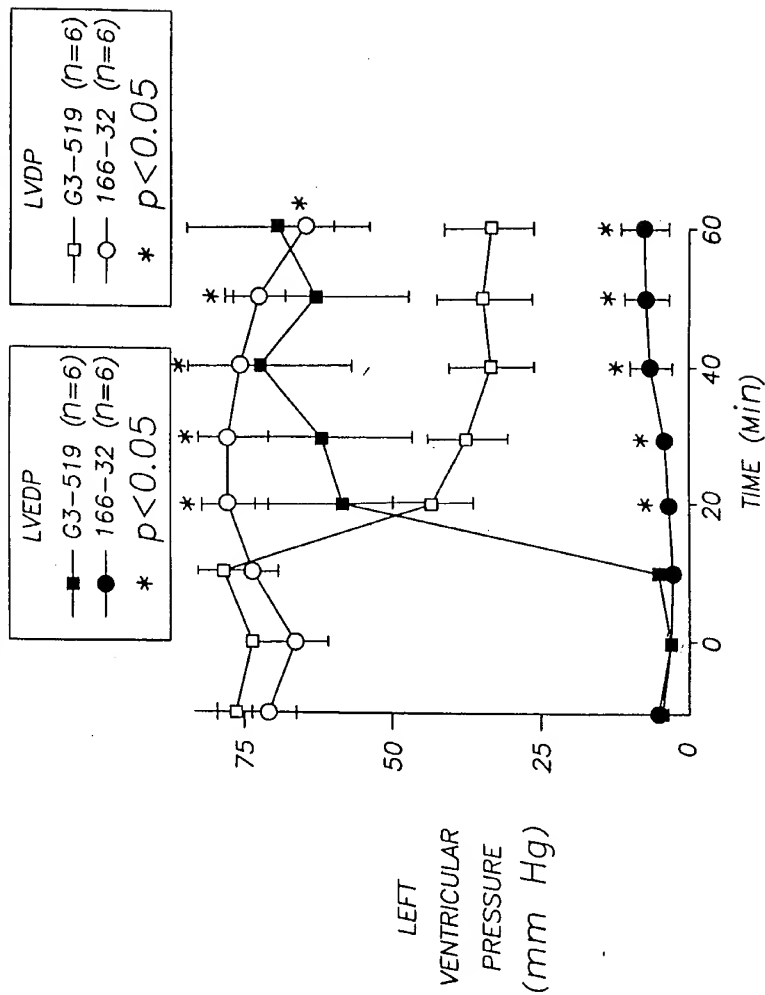


FIG. 16

EFFECT OF 4% HUMAN PLASMA ON VENTRICULAR  
CONTRACTILE FUNCTION : RABBIT ISOLATED HEART

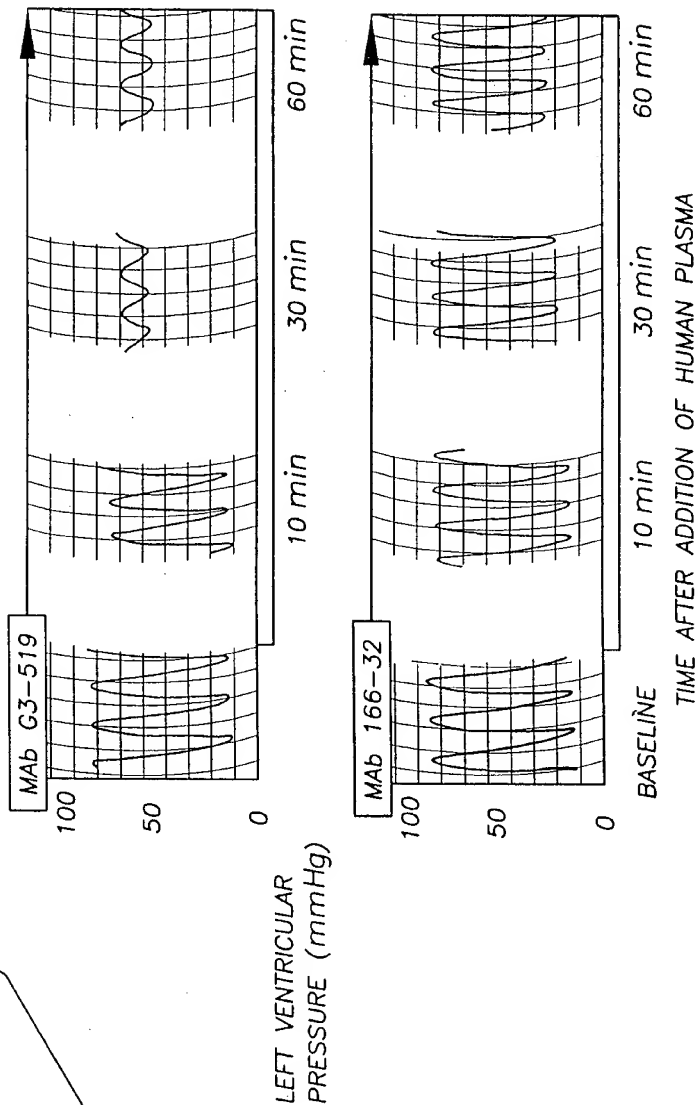




FIG.17

EFFECTS OF MAb 166-32 ON THE LEVELS OF  
Bb IN CARDIAC LYMPH OF ISOLATED  
RABBIT HEARTS PERFUSED WITH HUMAN PLASMA

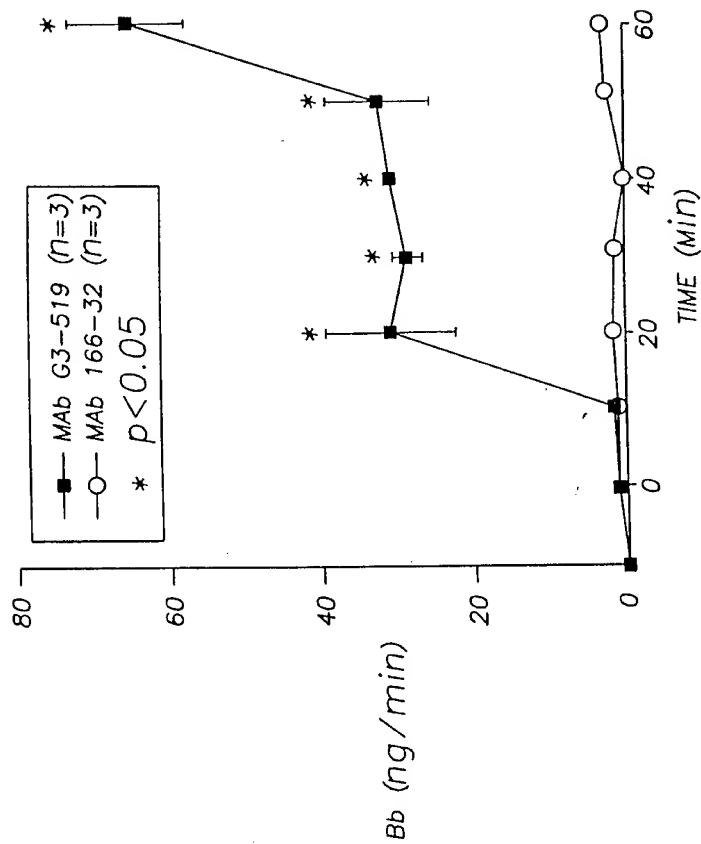


FIG.18

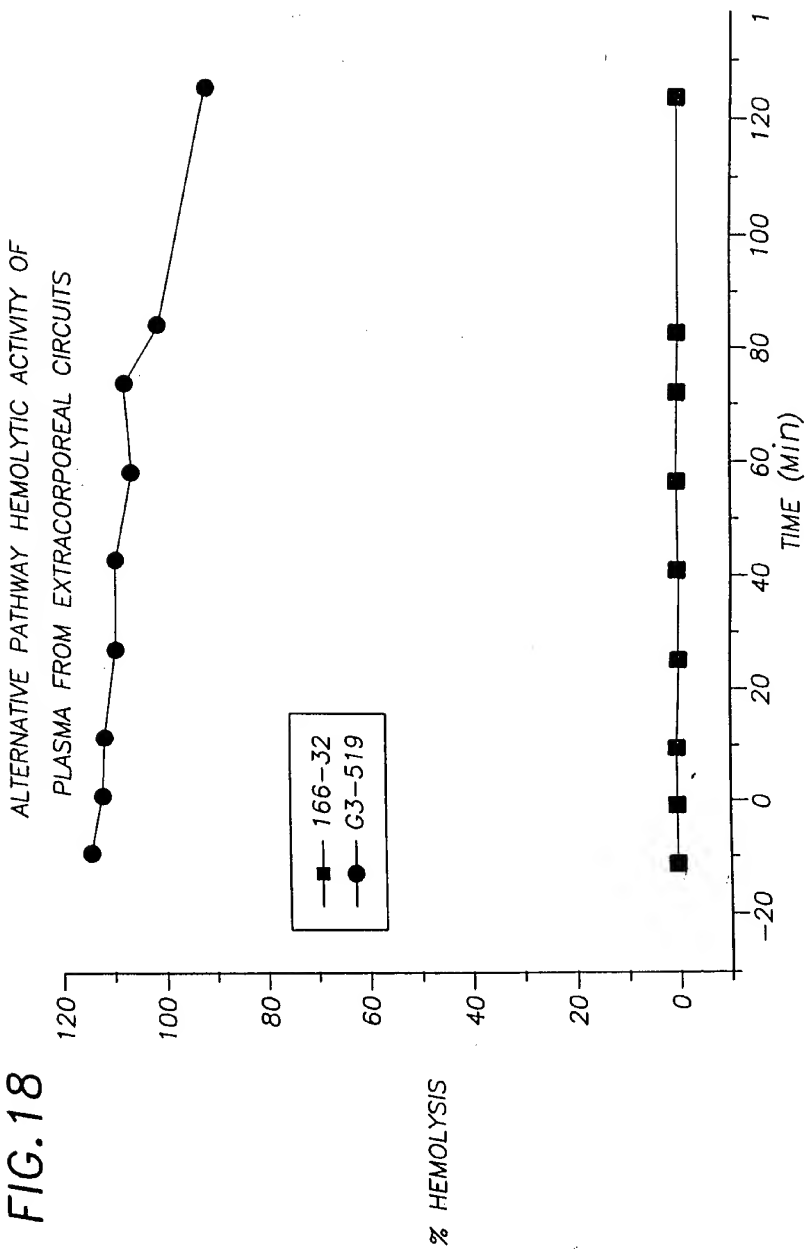


FIG. 19

C3a PRODUCTION IN EXTRACORPOREAL CIRCUITS

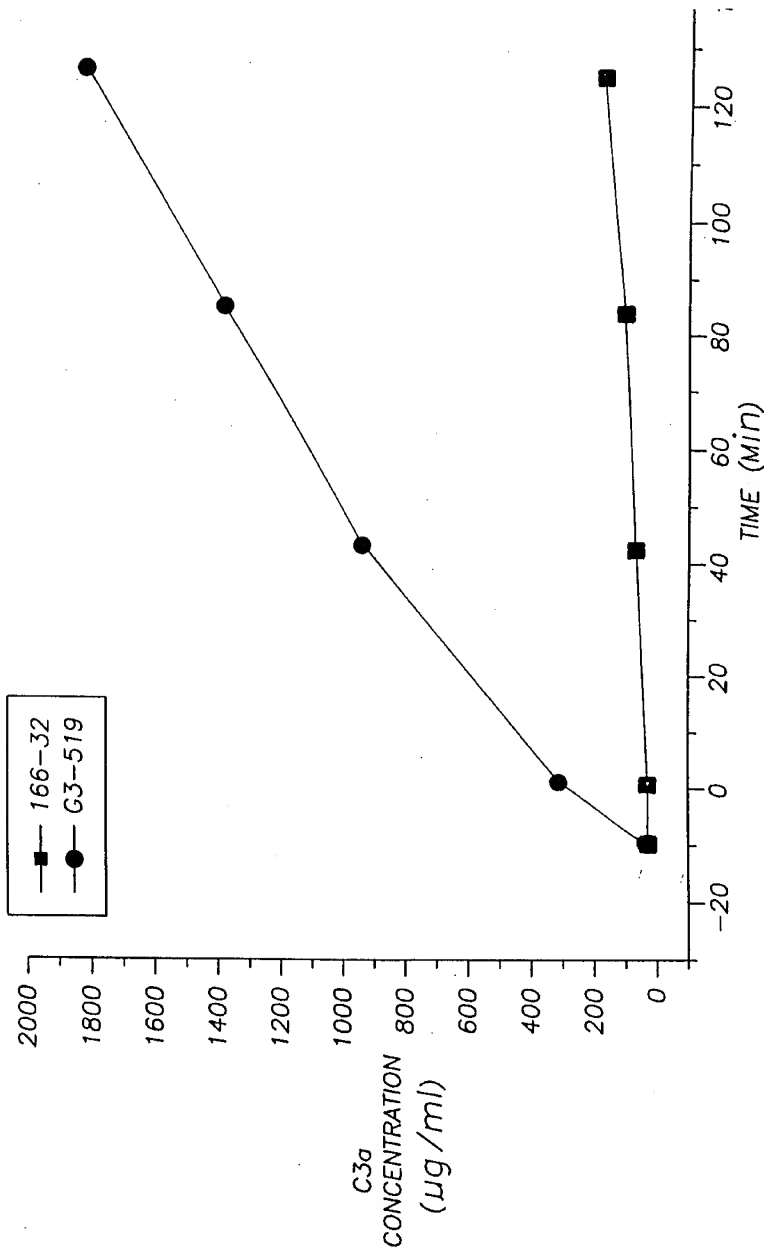


FIG. 20

sC5b-9 PRODUCTION IN EXTRACORPOREAL CIRCUITS

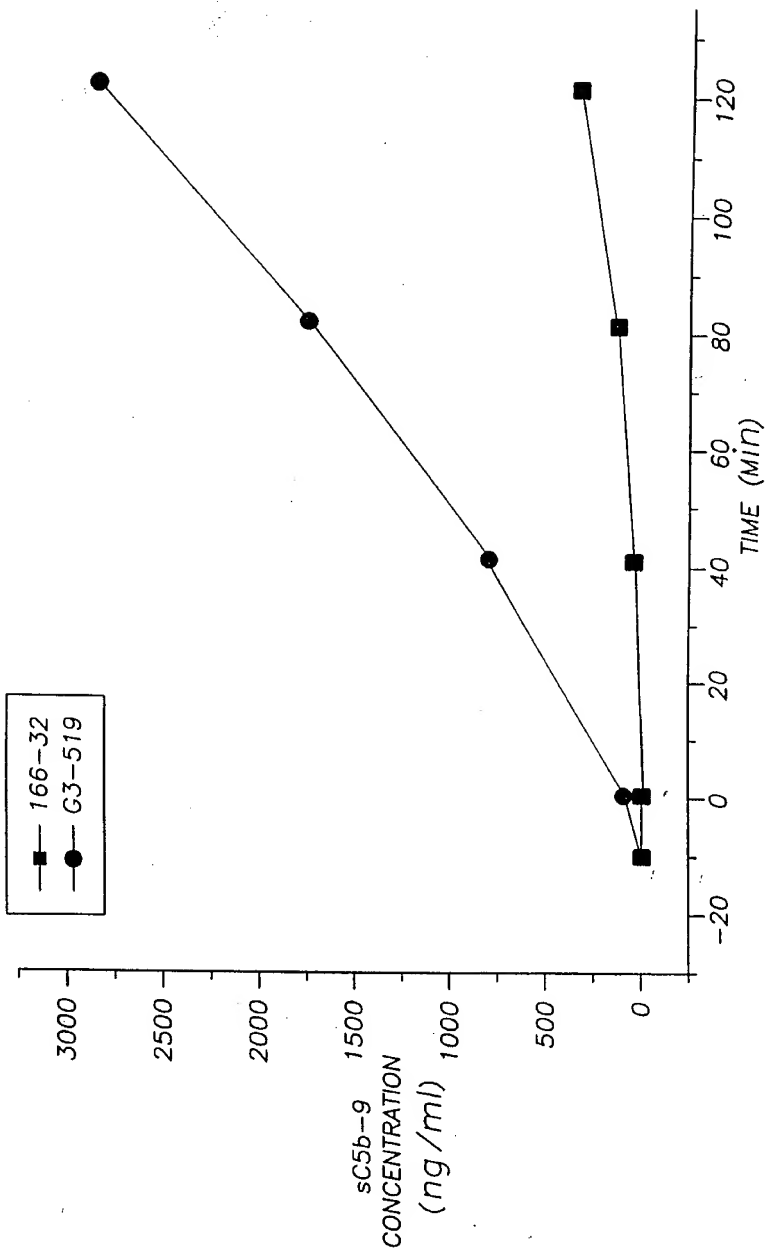


FIG. 21

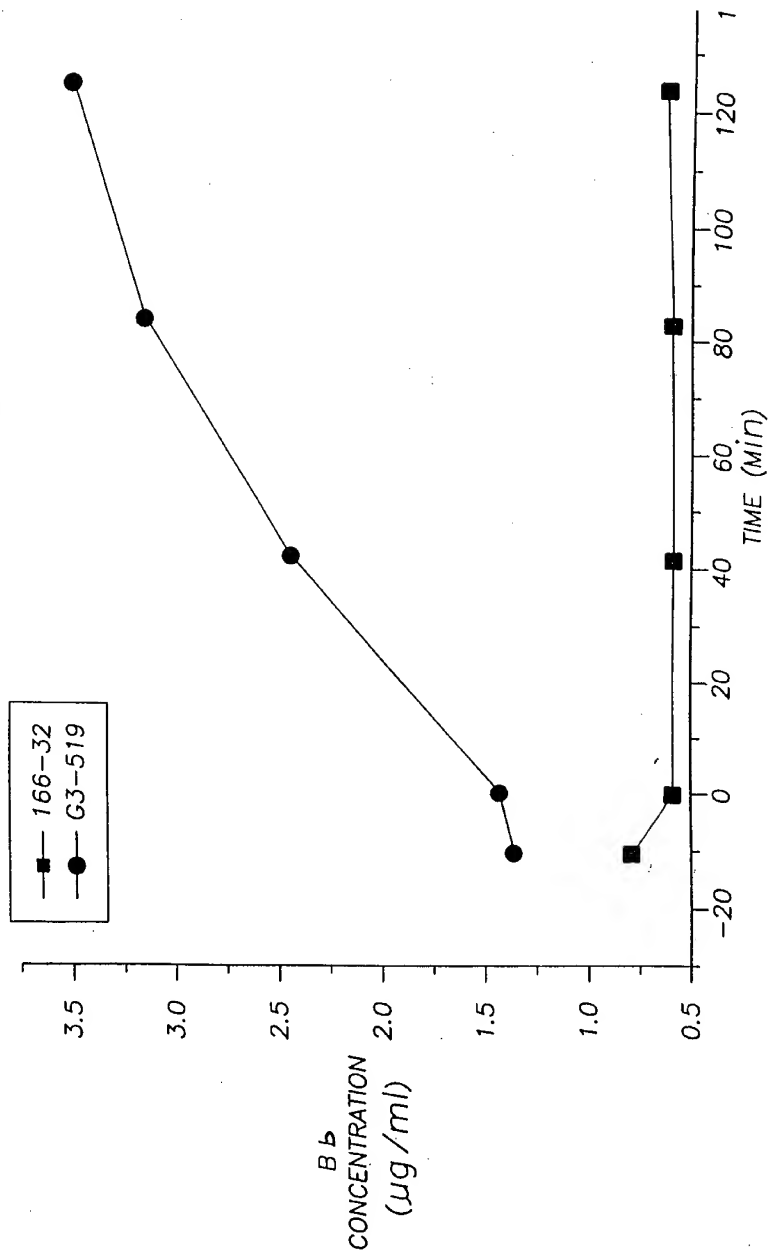
B<sub>b</sub> PRODUCTION IN EXTRACORPOREAL CIRCUITS

FIG.22

C4d PRODUCTION IN EXTRACORPOREAL CIRCUITS

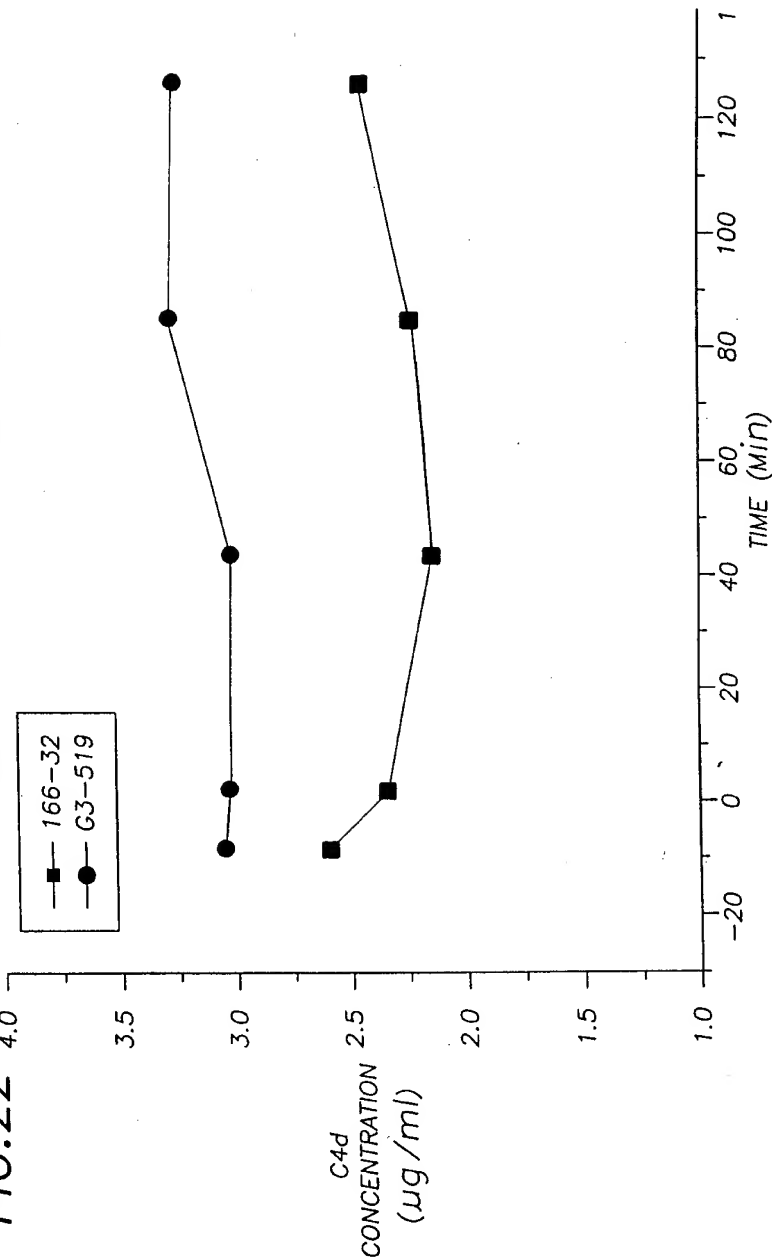


FIG. 23

CD11b EXPRESSION ON NEUTROPHILS IN EXTRACORPOREAL CIRCUITS

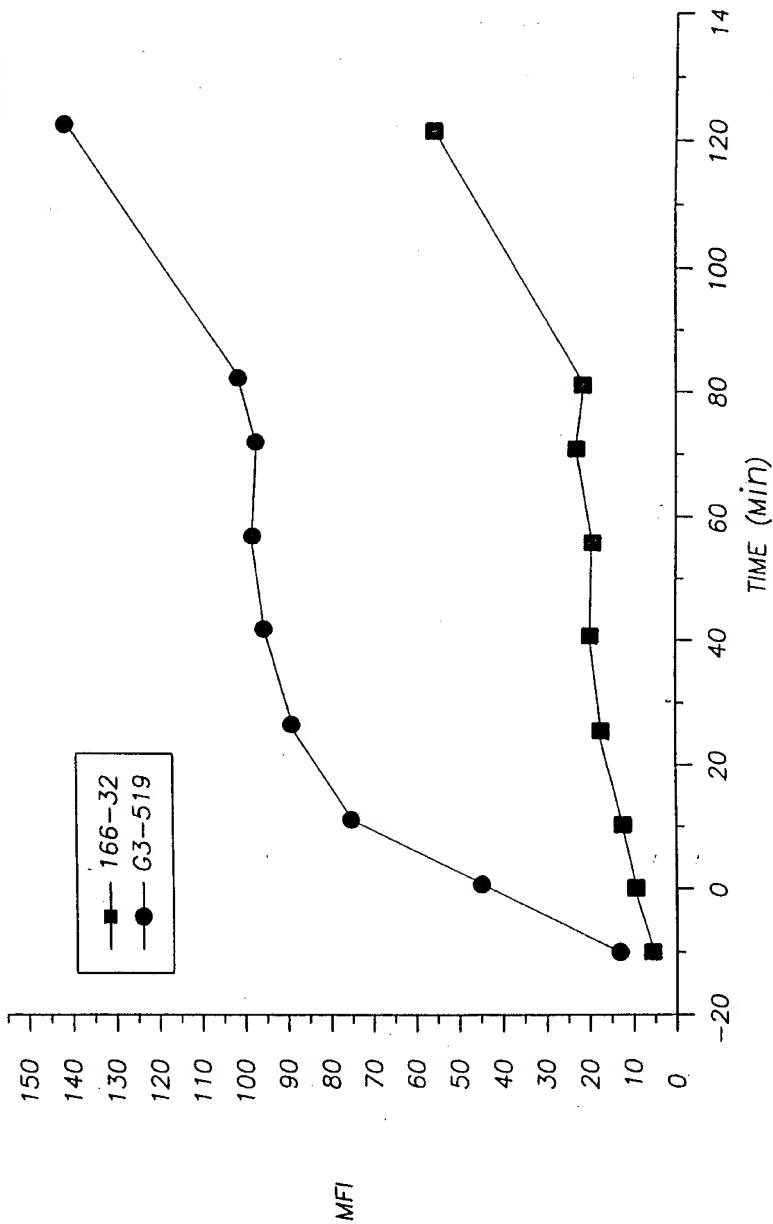
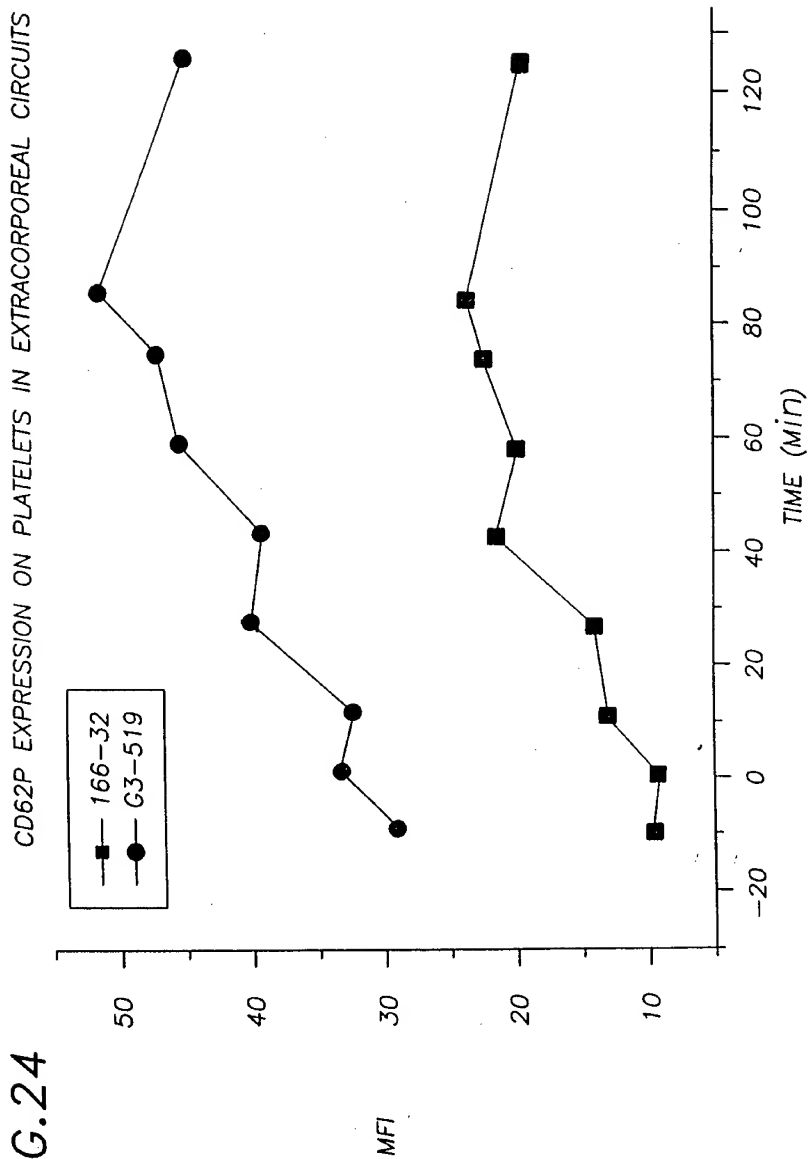


FIG.24

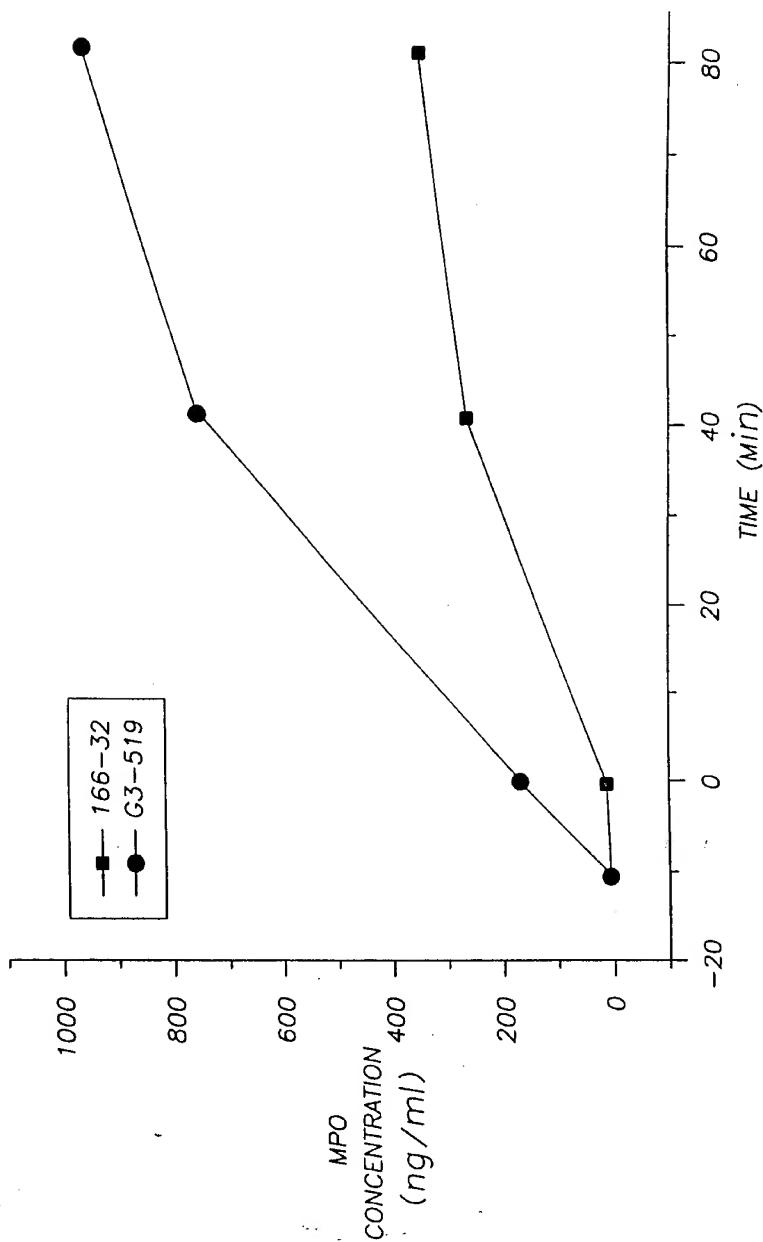




10.22.20.55212860

FIG.25

MYELOPEROXIDASE LEVEL IN EXTRACORPOREAL CIRCUITS



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Fig. 26 Selective inhibition of the alternative complement pathway  
by anti-factor D MAb 166-32

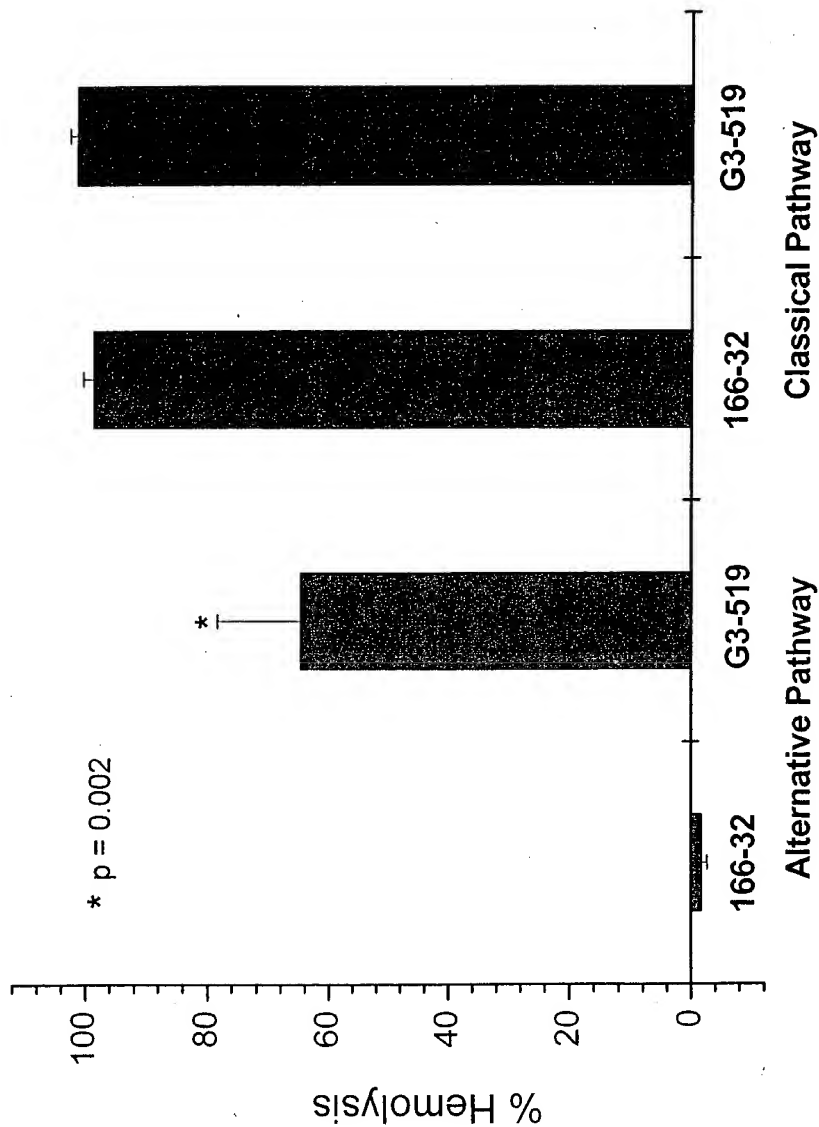


Fig. 27 Bb production in extracorporeal circuits

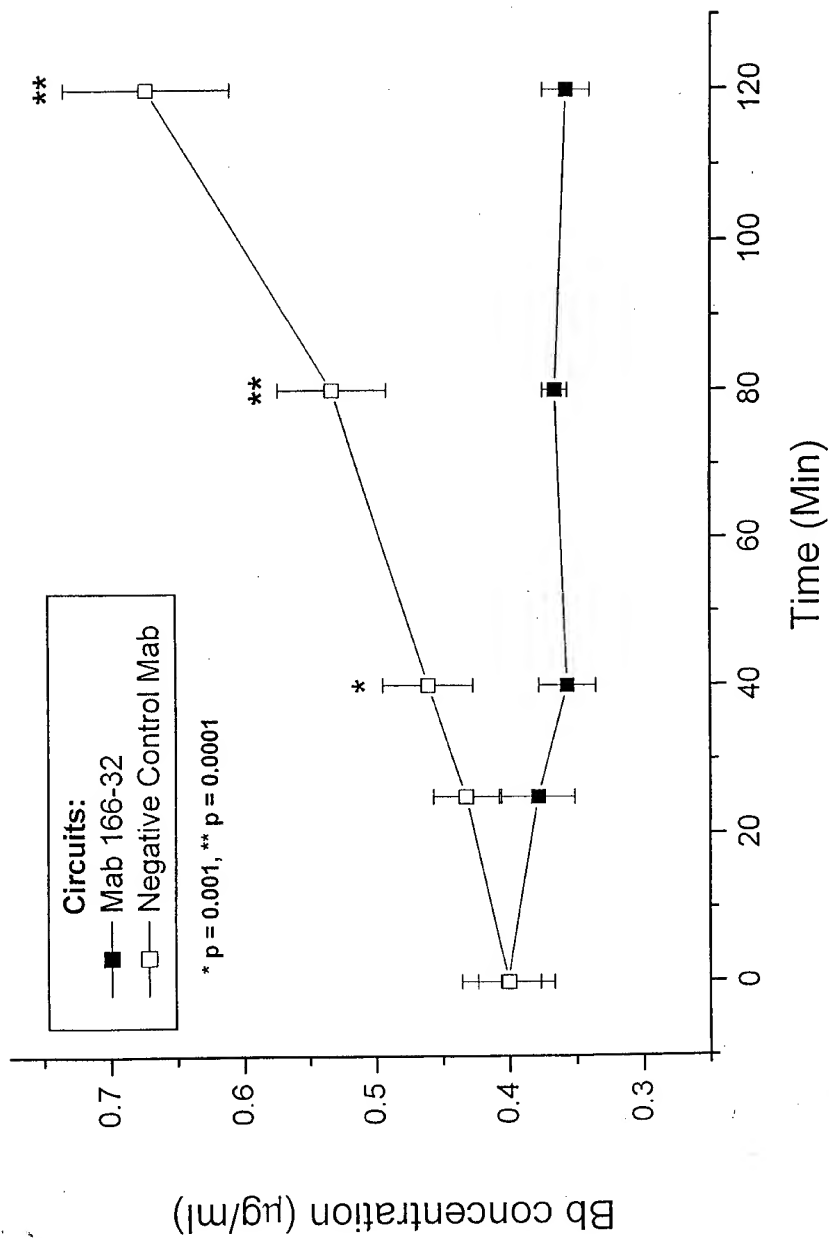


Fig. 28 C4d production in extracorporeal circuits

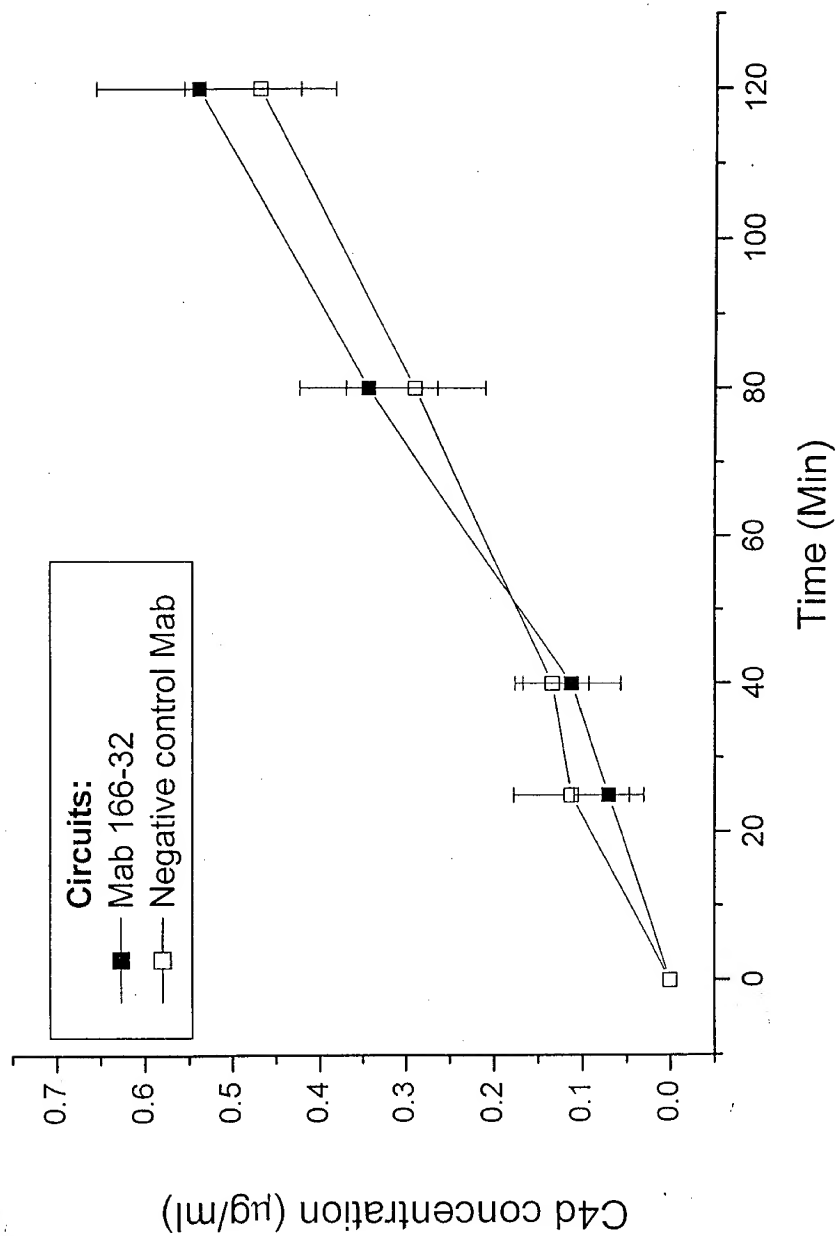


Fig. 29 C3a production in extracorporeal circuits

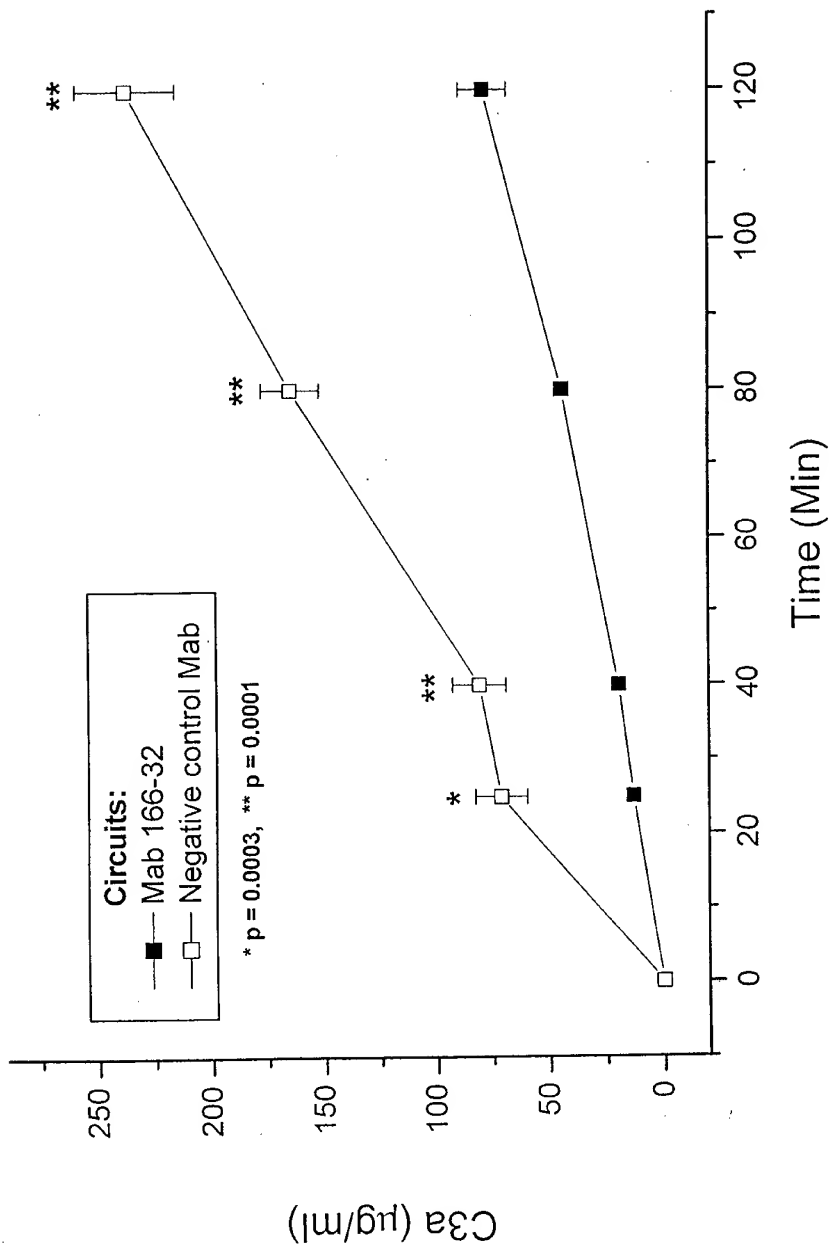


Fig. 30 sC5b-9 production in extracorporeal circuits

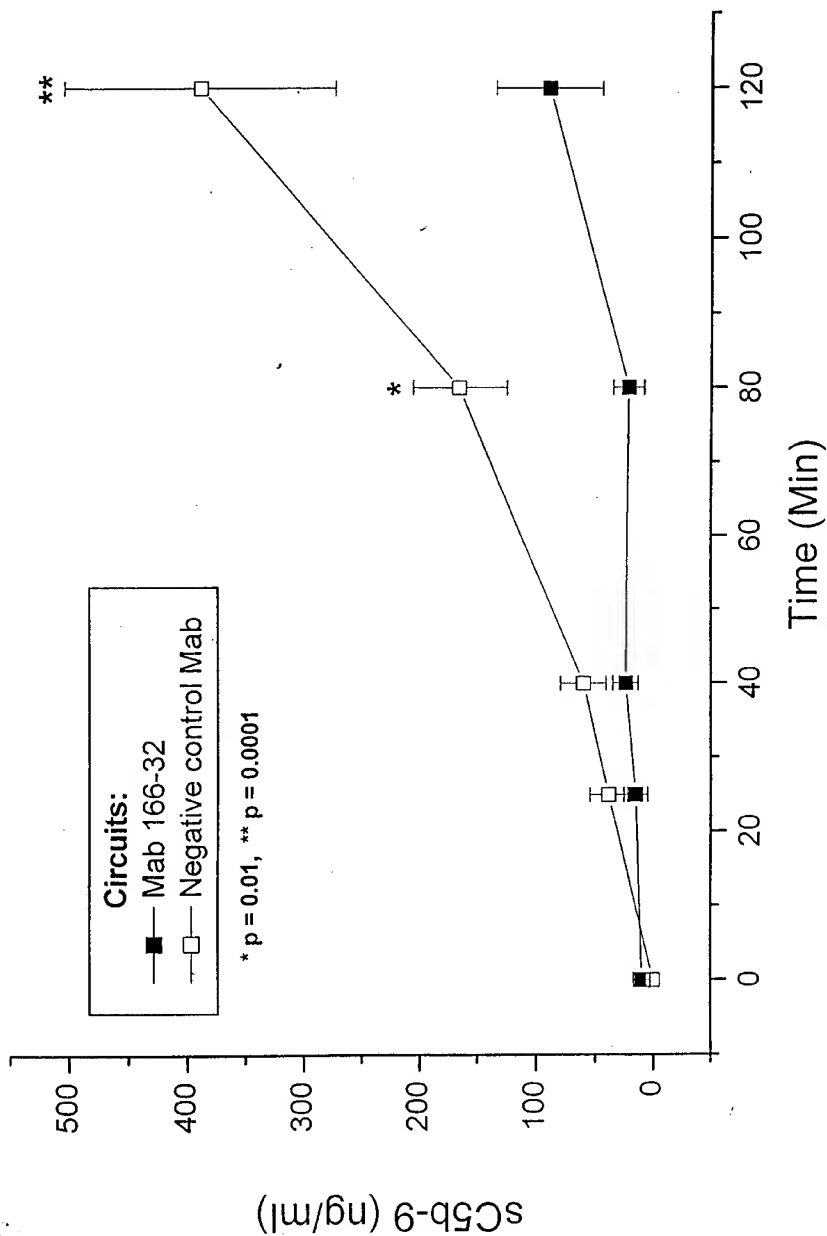


Fig. 31 C5a production in extracorporeal circuits

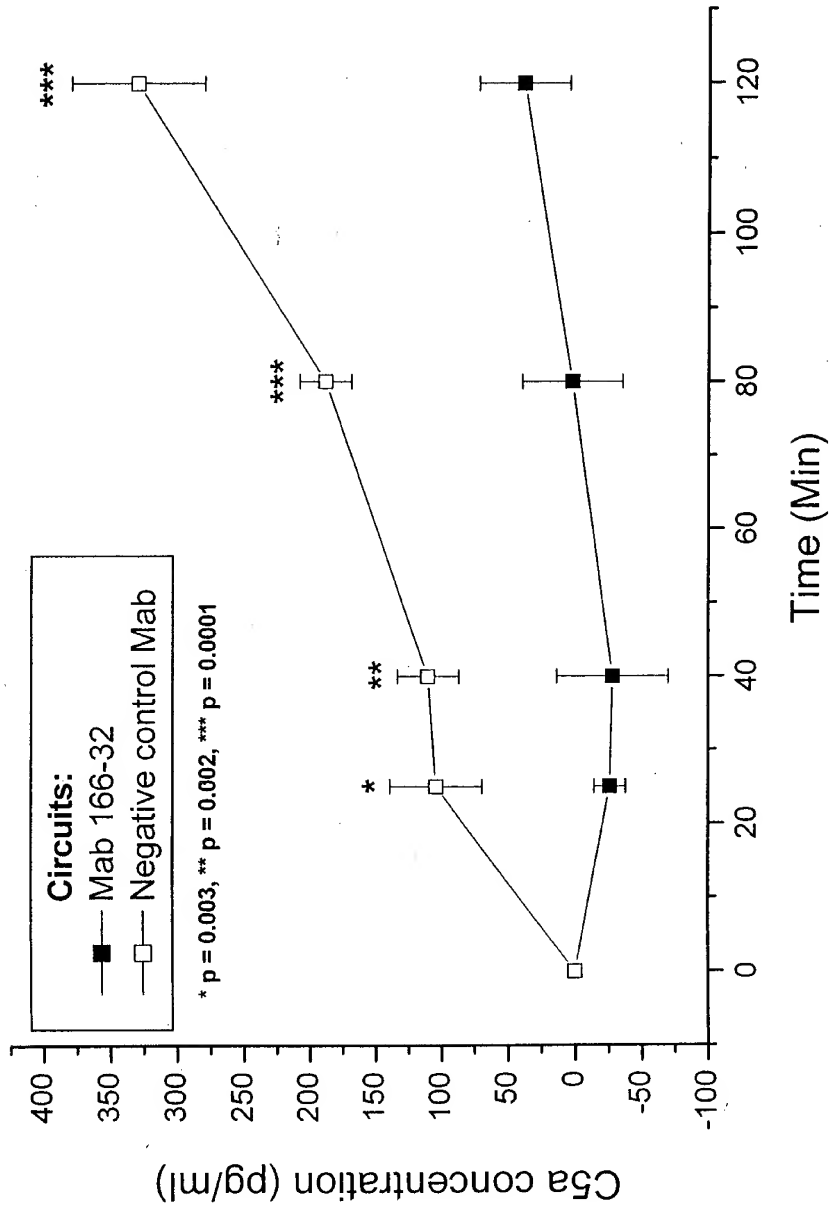


Fig. 32 CD11b expression on neutrophils in extracorporeal circuits

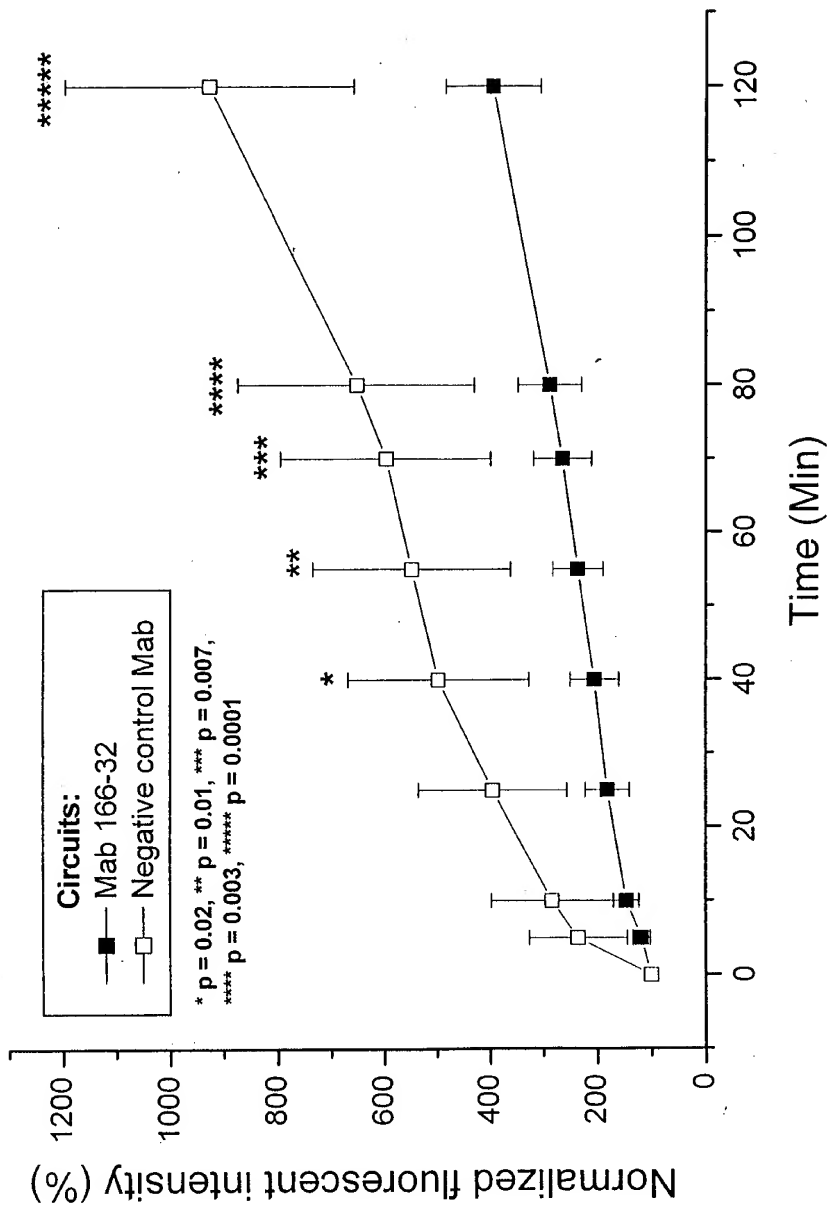




Fig. 33 Myeloperoxidase production in extracorporeal circuits

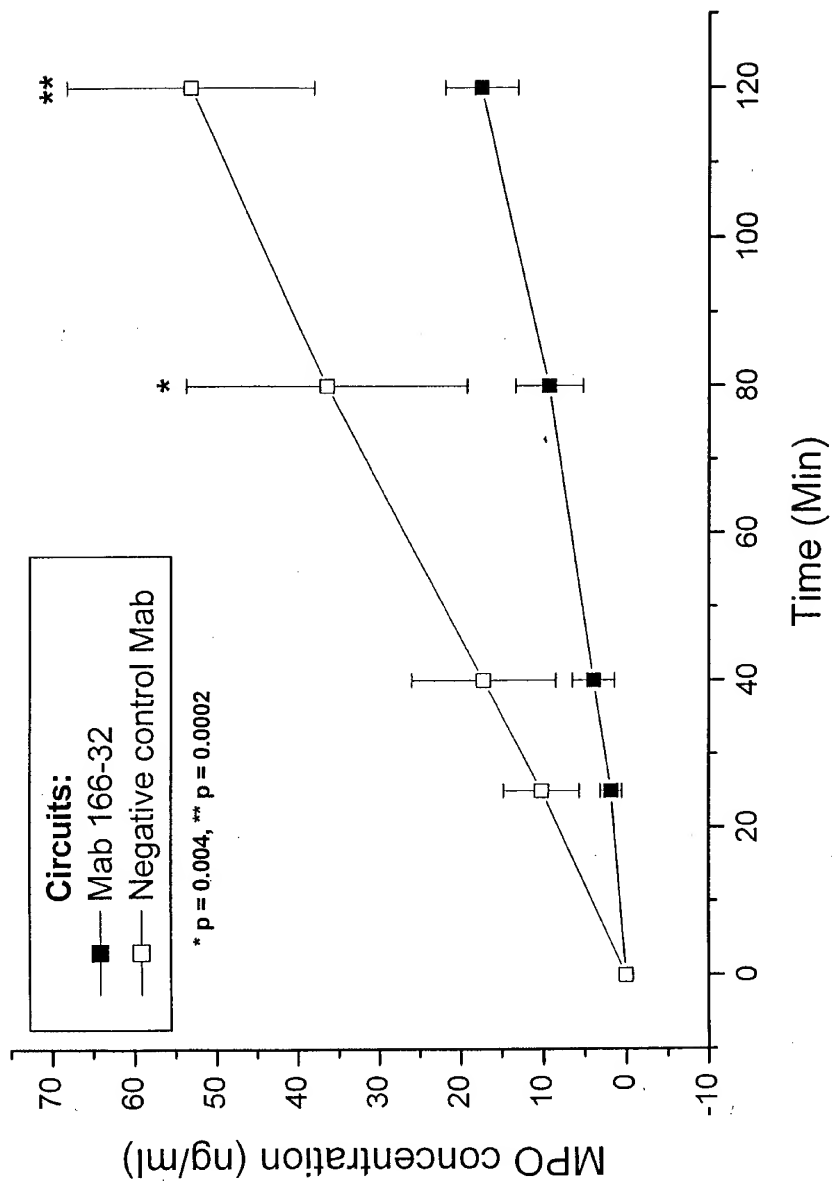


Fig. 34 Elastase- $\alpha$ 1-antitrypsin production in extracorporeal circuits

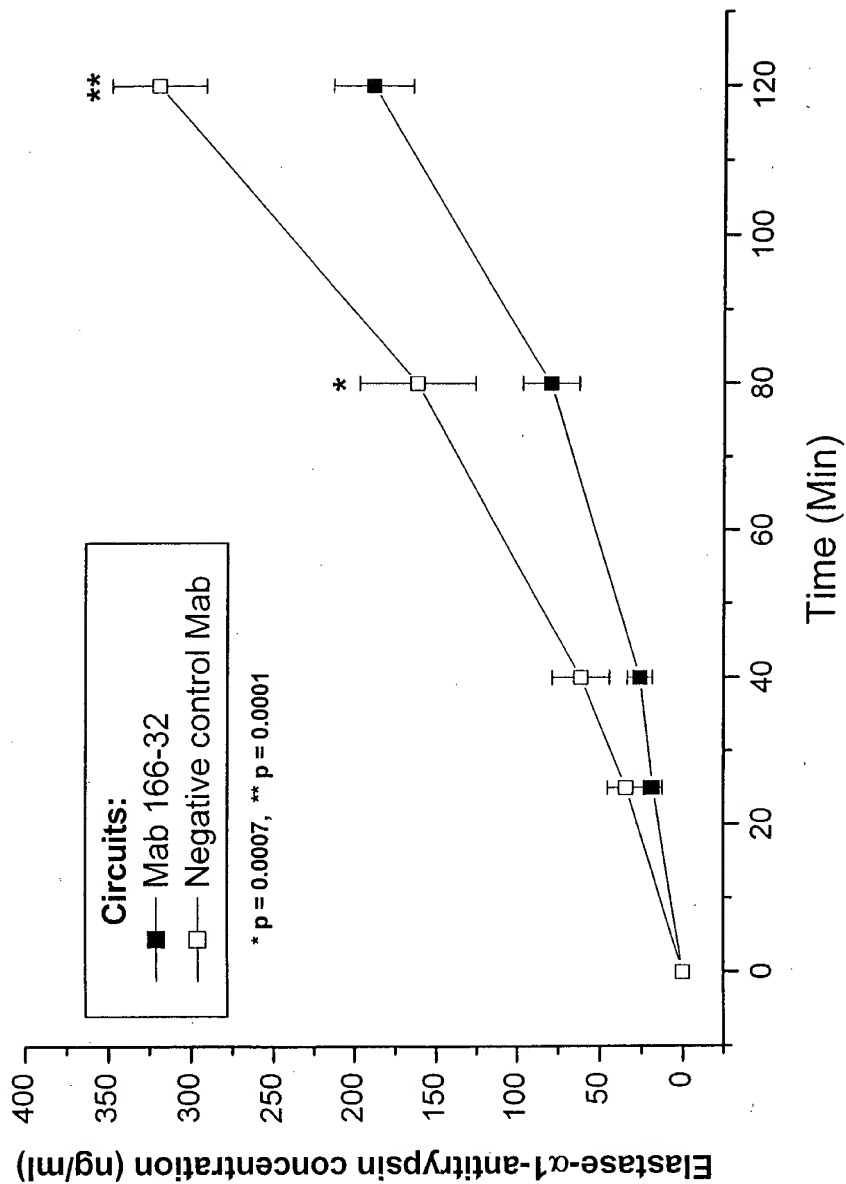


Fig. 35 CD62P expression on platelets in extracorporeal circuits

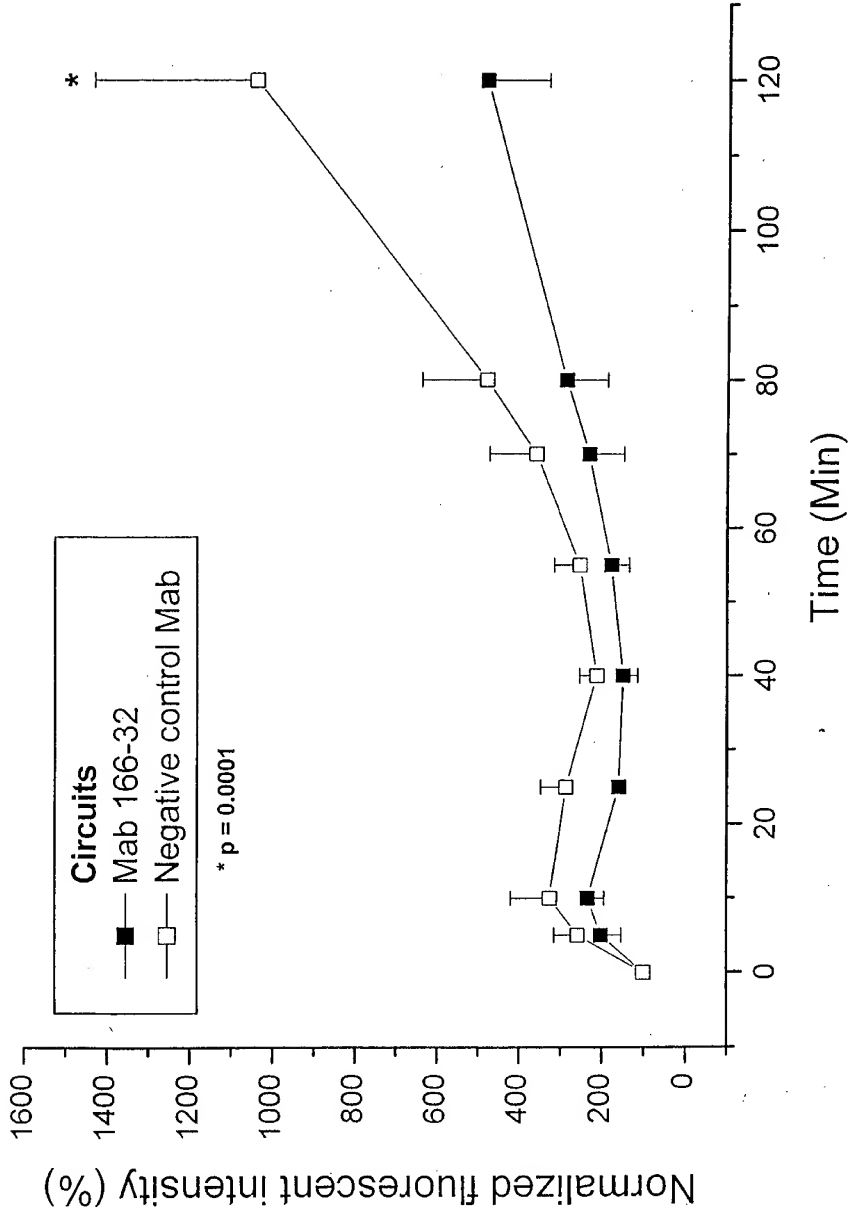


Fig. 36 CD62P-positive platelets in extracorporeal circuits

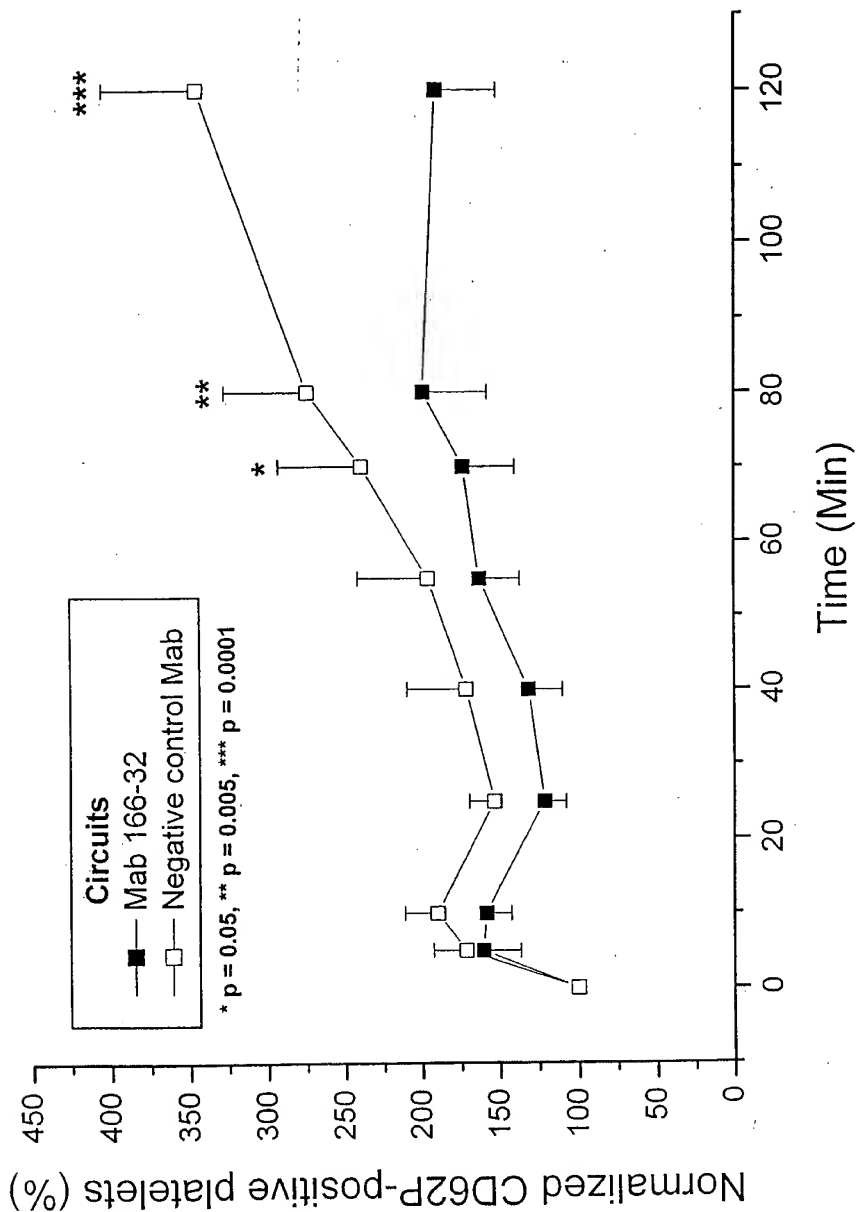


Fig. 37 Platelet thrombospondin production in extracorporeal circuits

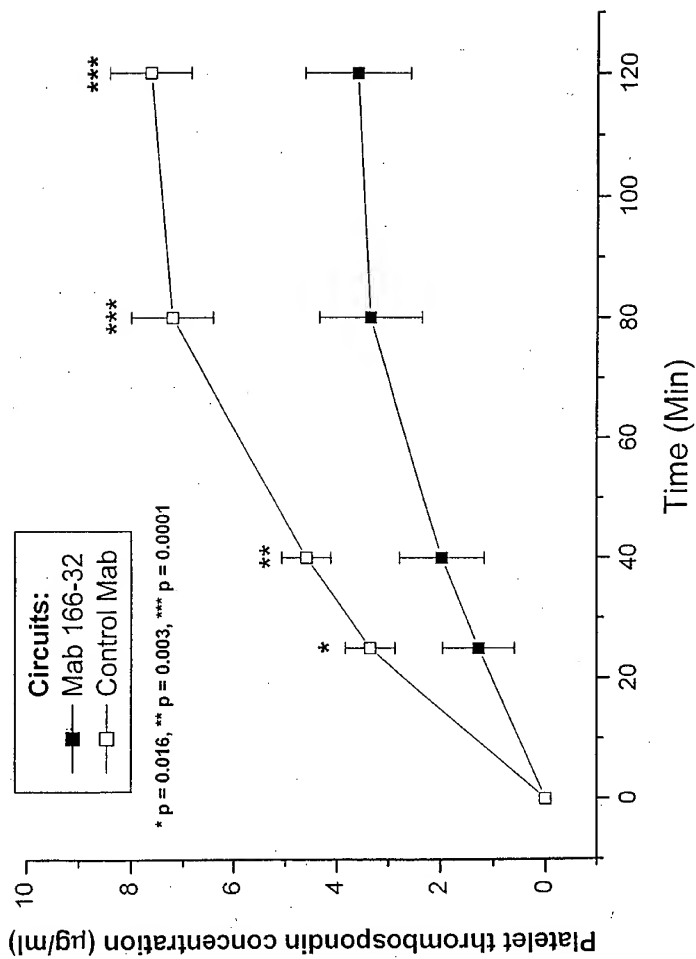
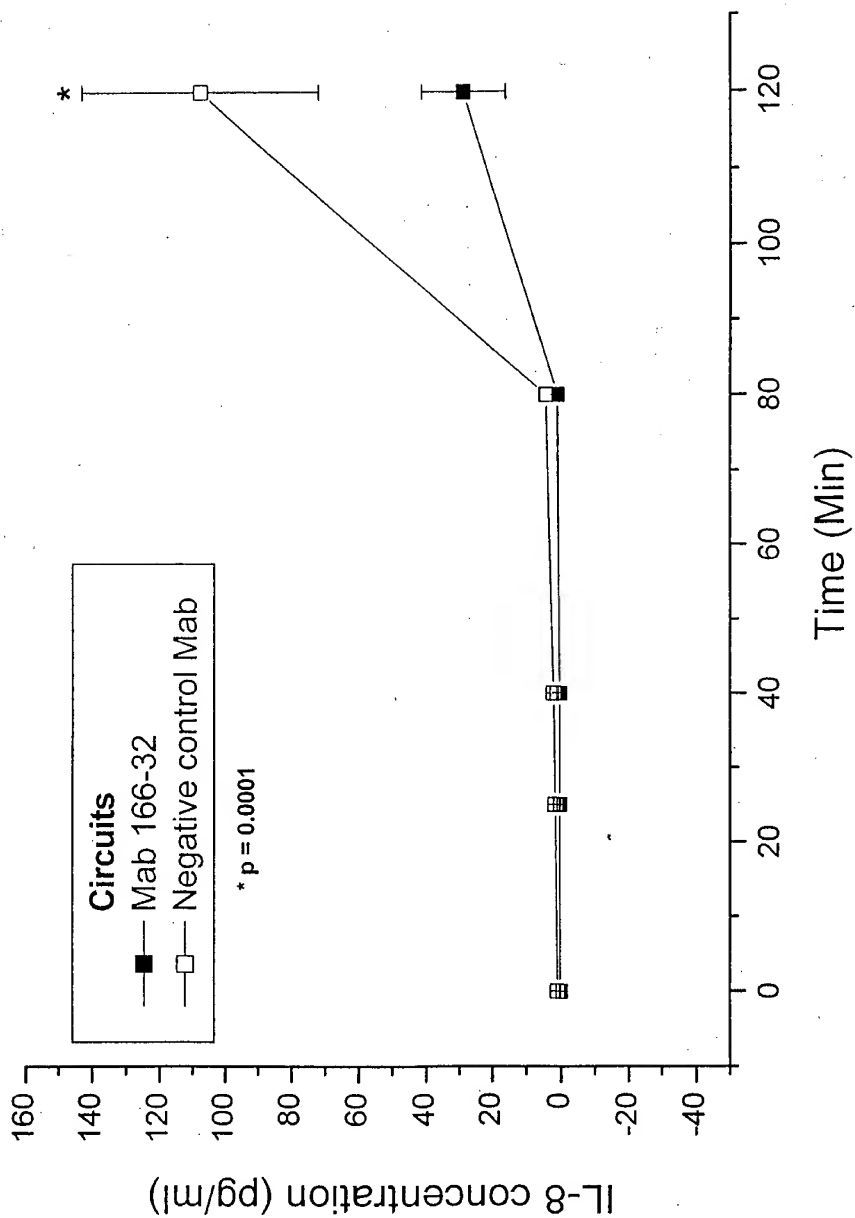
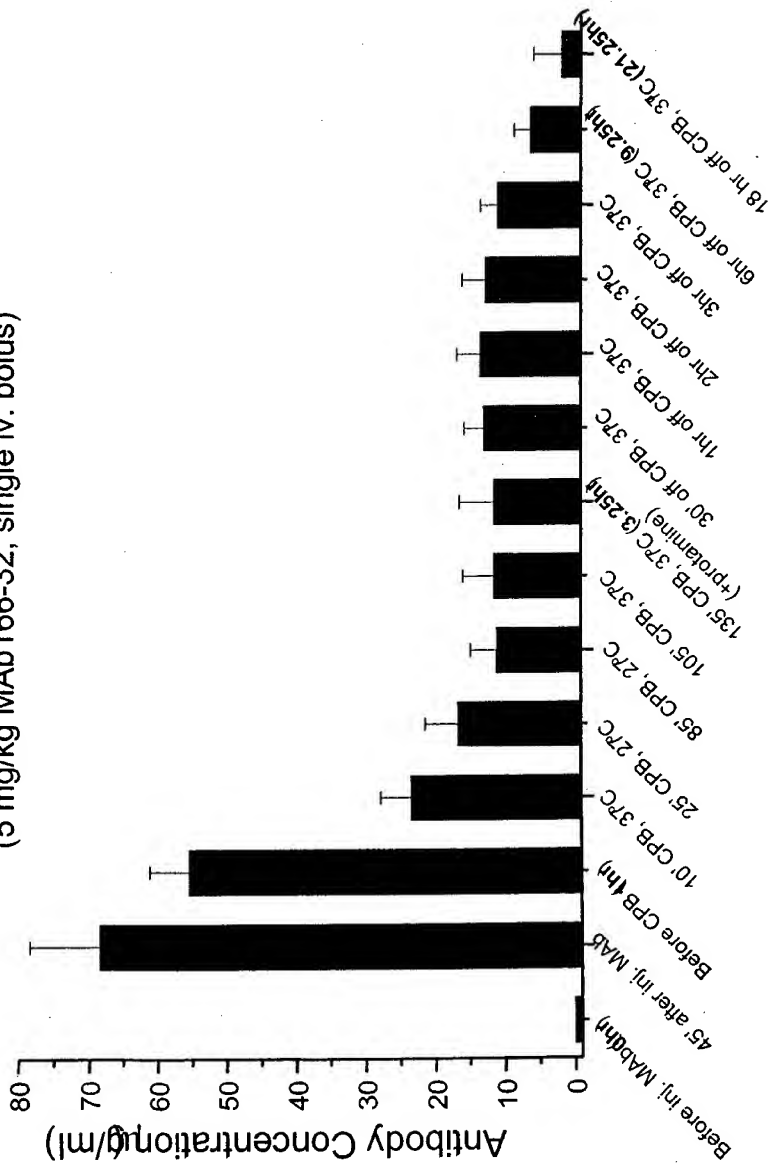


Fig. 38 IL-8 production in extracorporeal circuits

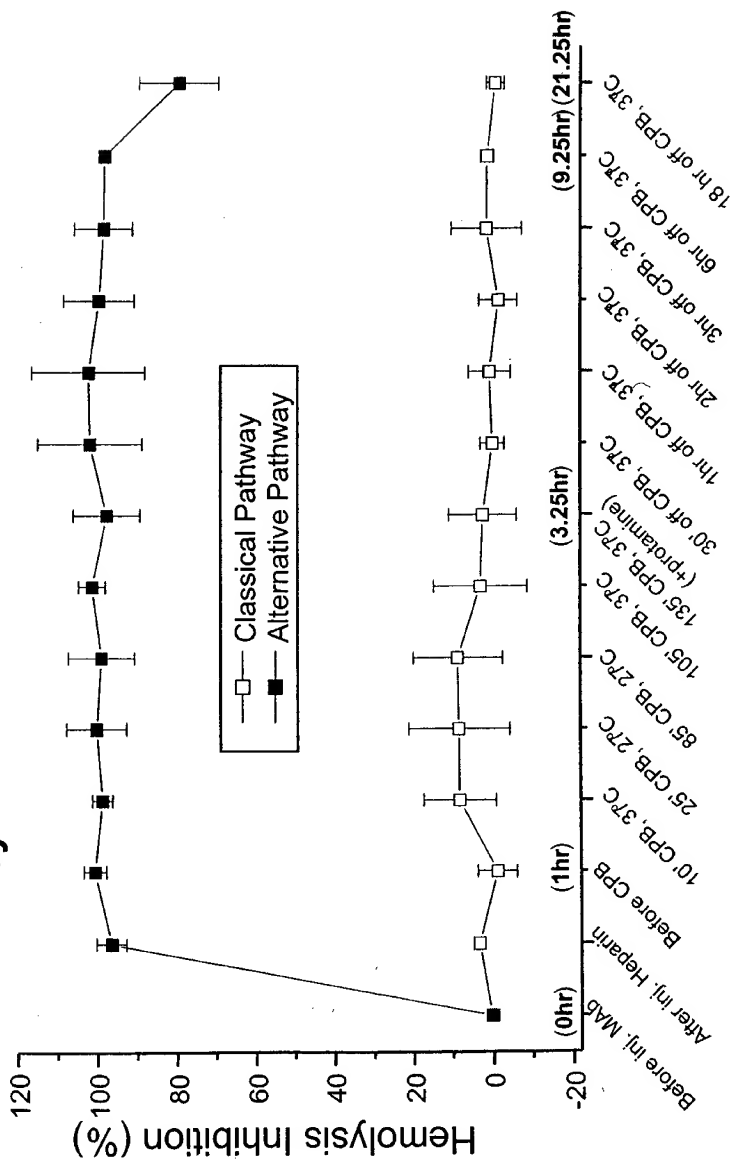


**Fig. 39 Pharmacokinetics of MAb166-32 in Baboon CPB**

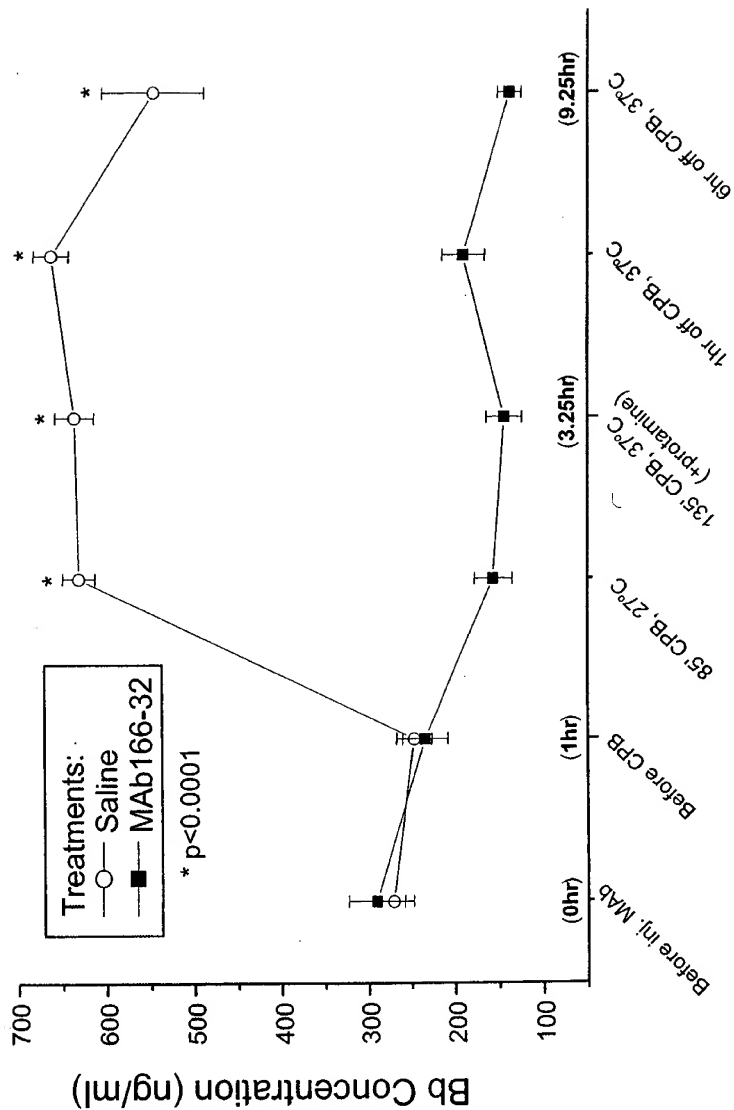
(5 mg/kg MAb166-32, single iv. bolus)



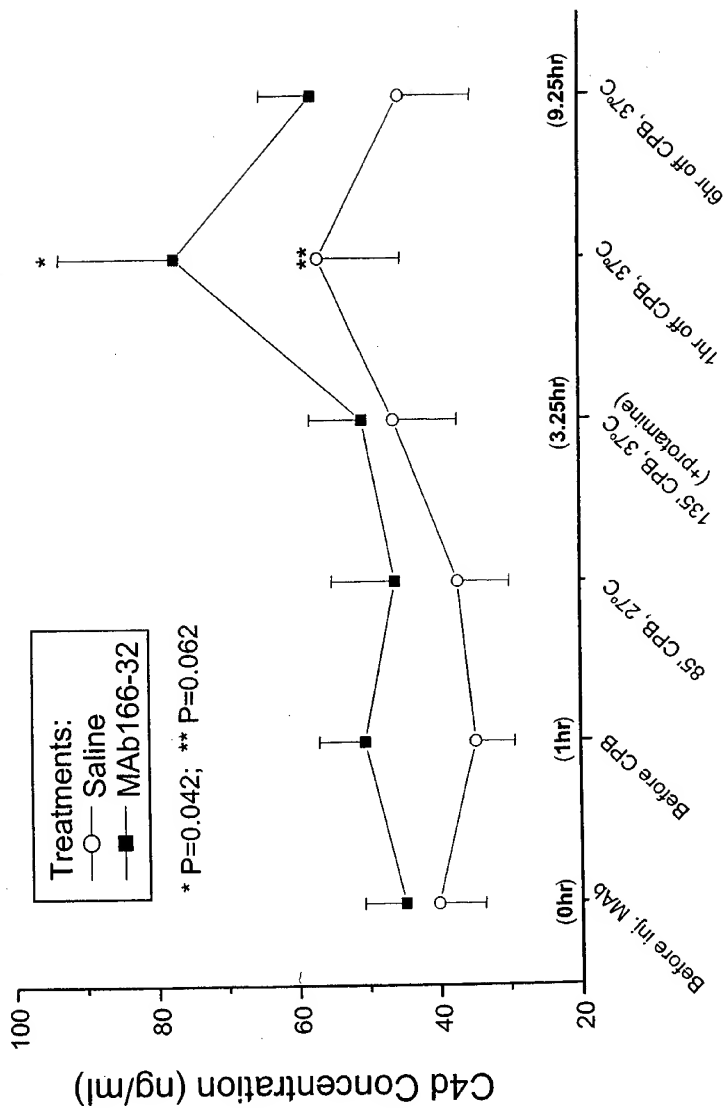
**Fig. 40 Inhibition of Alternative Complement  
by MAb166-32 in Baboon CPB**



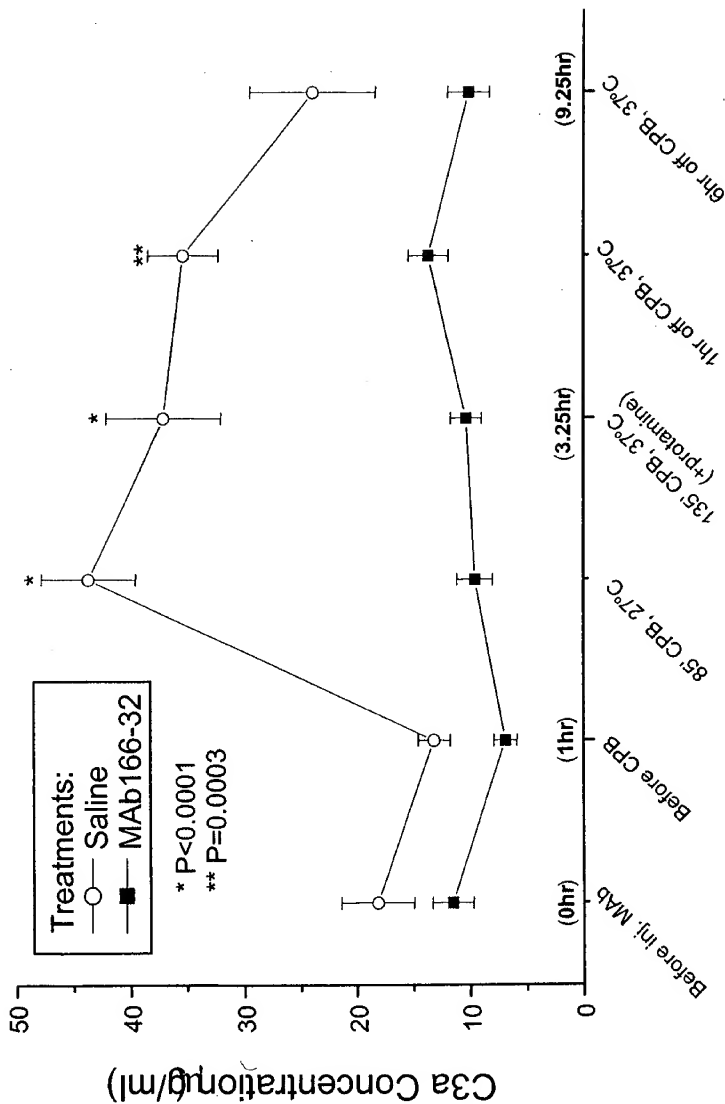


**Fig. 41 Bb in Baboon CPB**

**Fig. 42 C4d in Baboon CPB**



**Fig. 43 C3a in Baboon CPB**



**Fig. 44 CD11b Expression on Neutrophils in Baboon CPB**

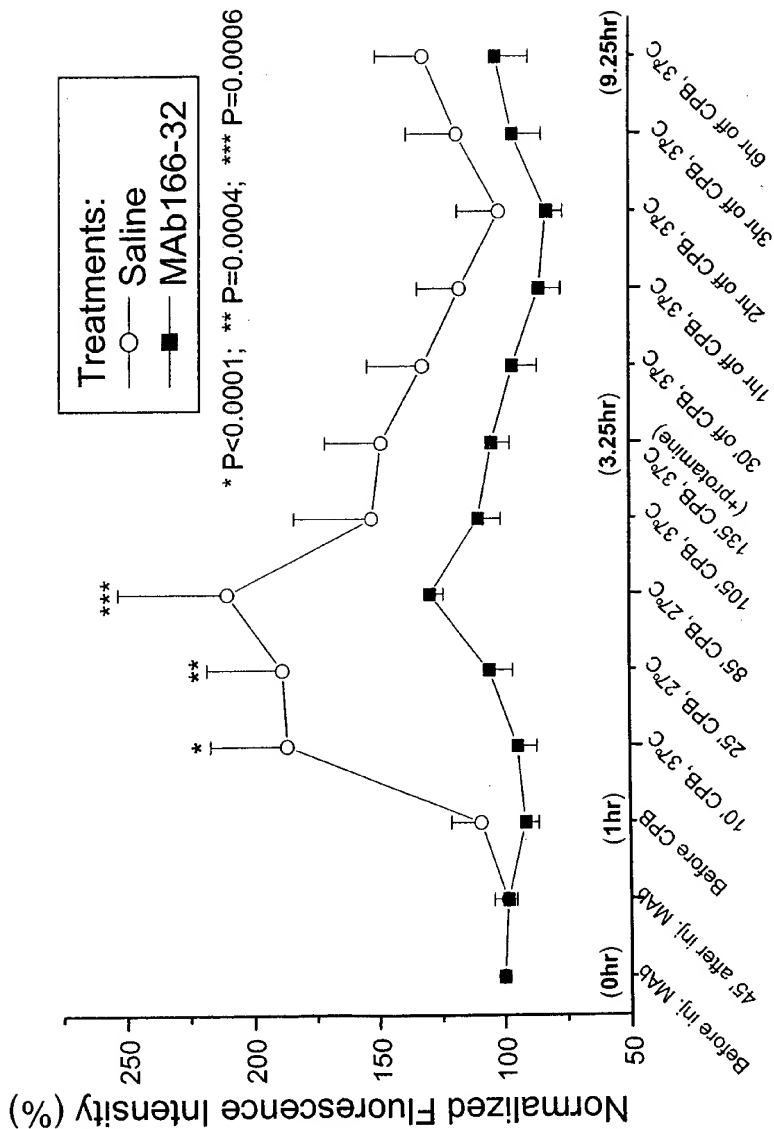
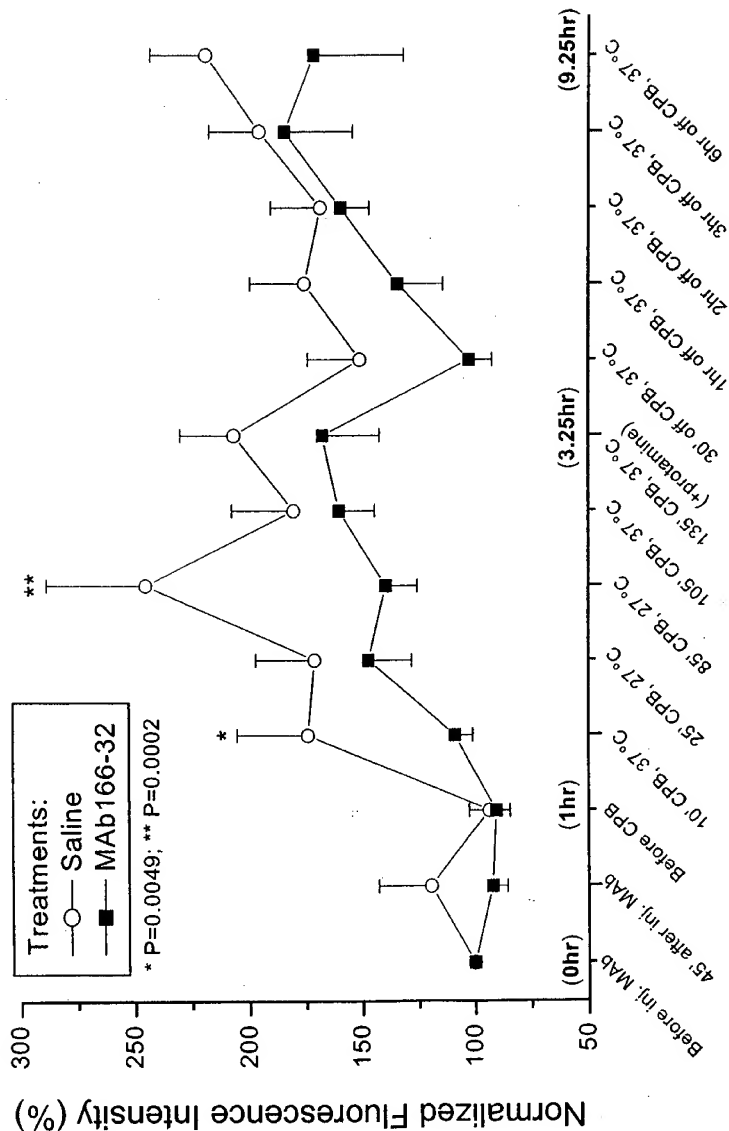
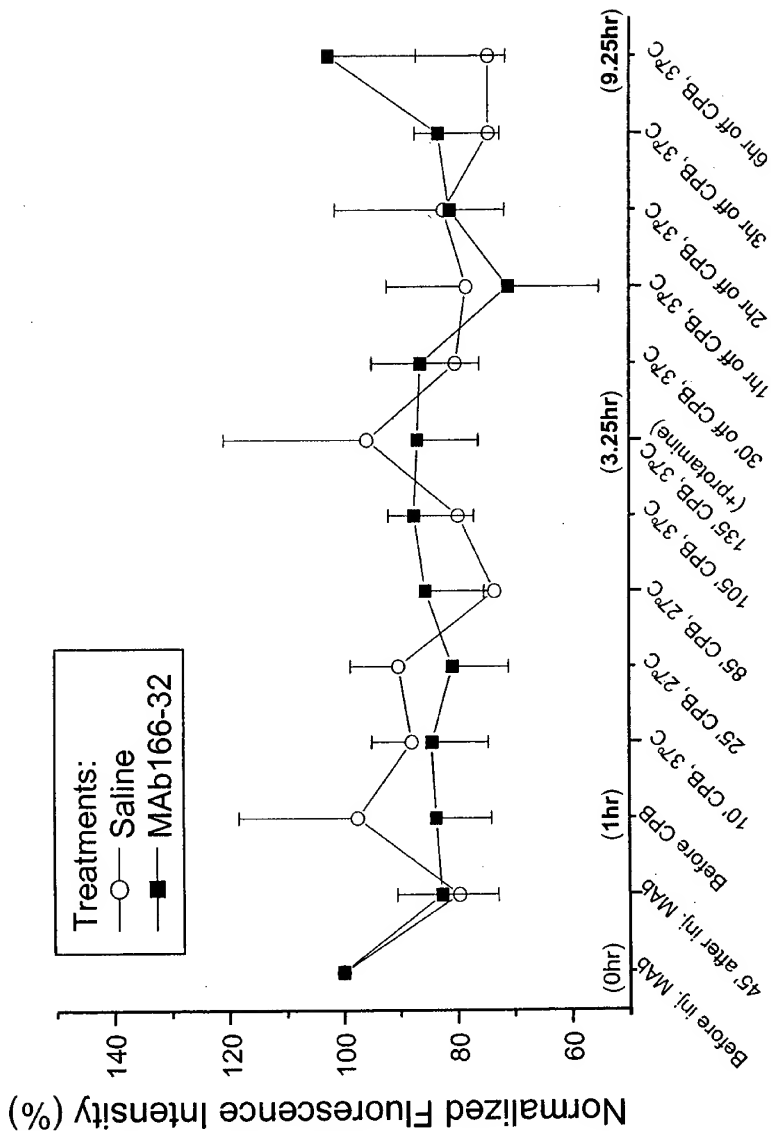


Fig.45 CD11b Expression on Monocytes in Baboon CPB

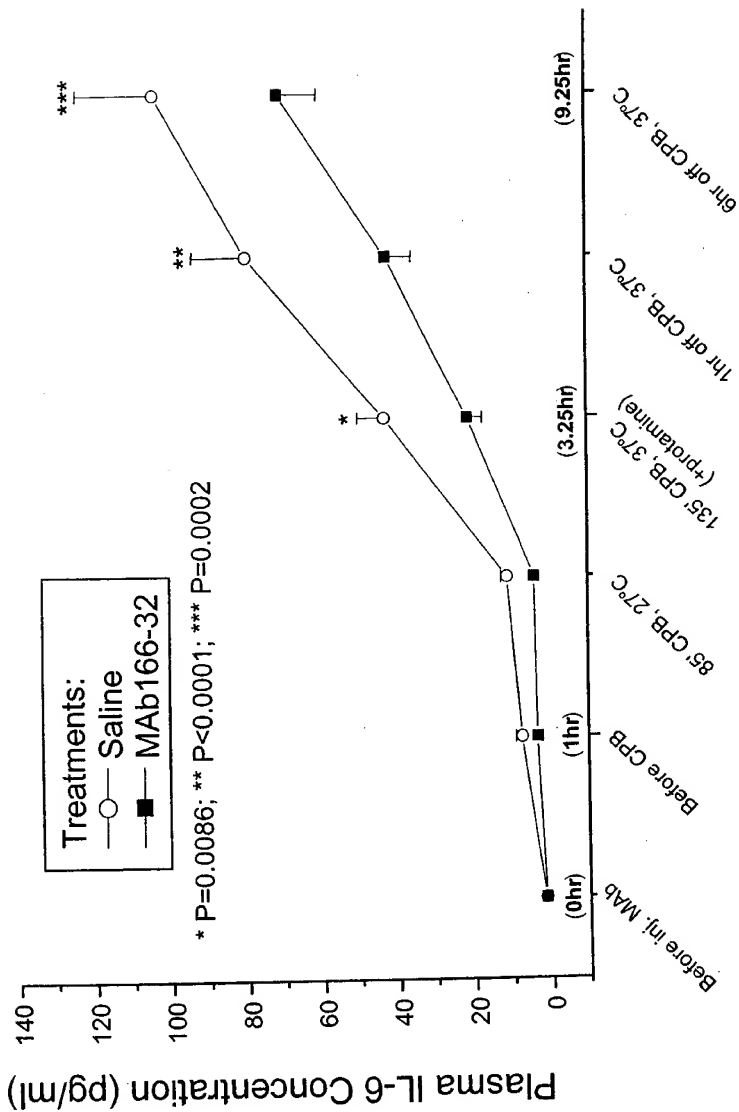


**Fig. 4b CD62P Expression on Platelets in Baboon CPB**



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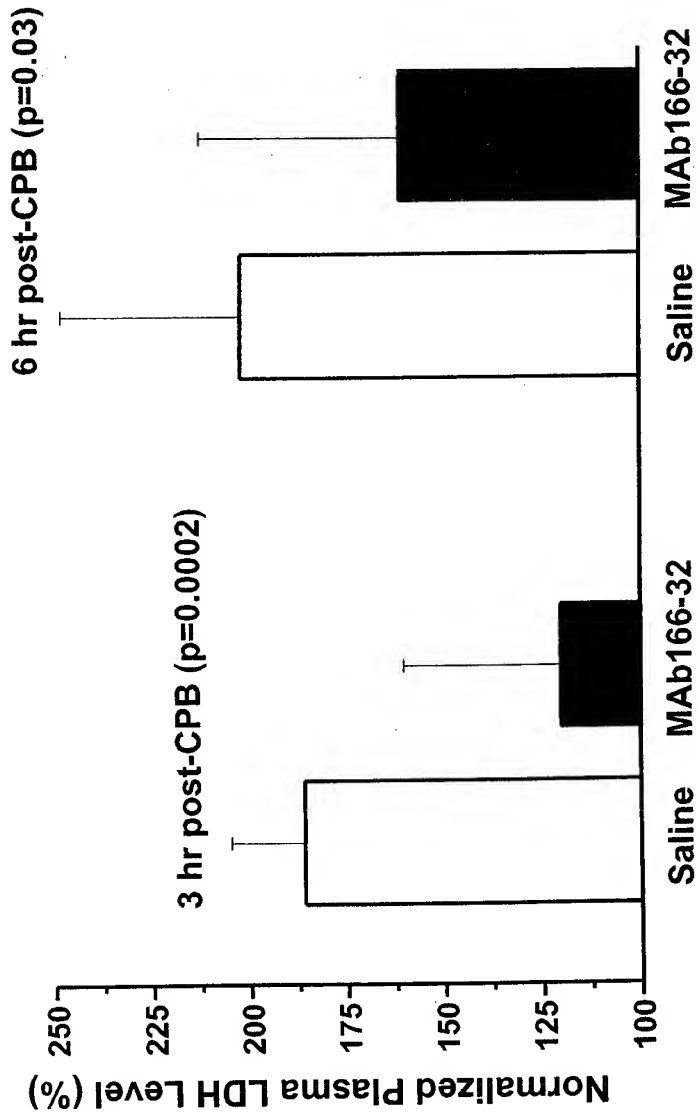
**Fig. 47 Plasma IL-6 in Baboon CPB**





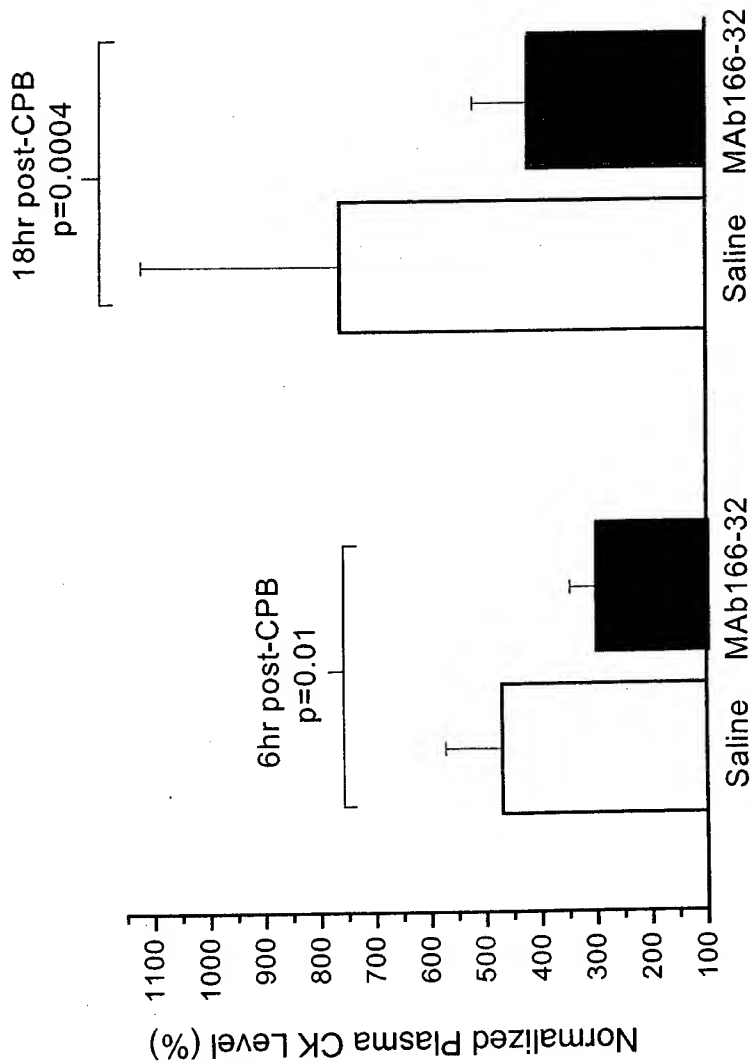
102220 55212860

**Fig. 48 Plasma LDH Level in Baboon CPB**

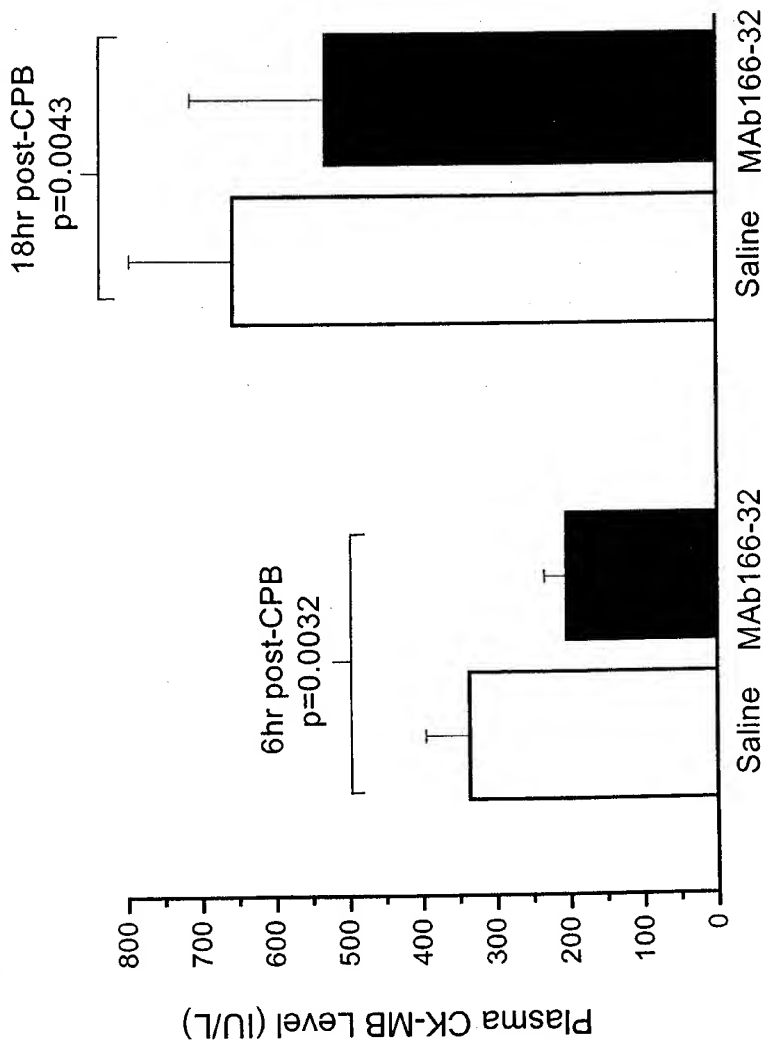




**Fig. 49 Plasma Creatine Kinase (CK) Level in Baboon CPB**

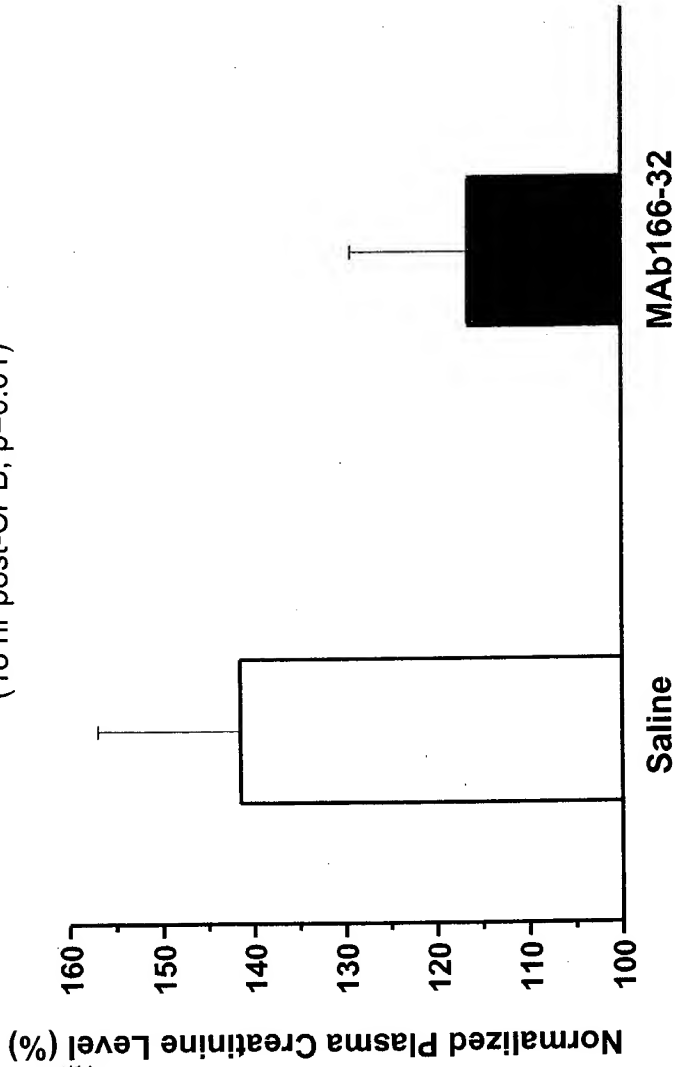


**Fig. 50 Plasma Creatine Kinase Isozymes (CK-MB) in Baboon CPB**



**Fig. 51 Plasma Creatinine Level in Baboon CPB**

(18 hr post-CPB,  $p=0.01$ )



**Fig. 52 Dynamic Lung Compliance of Baboons in CPB**

